



The

CHEMIST AND DRUGGIST

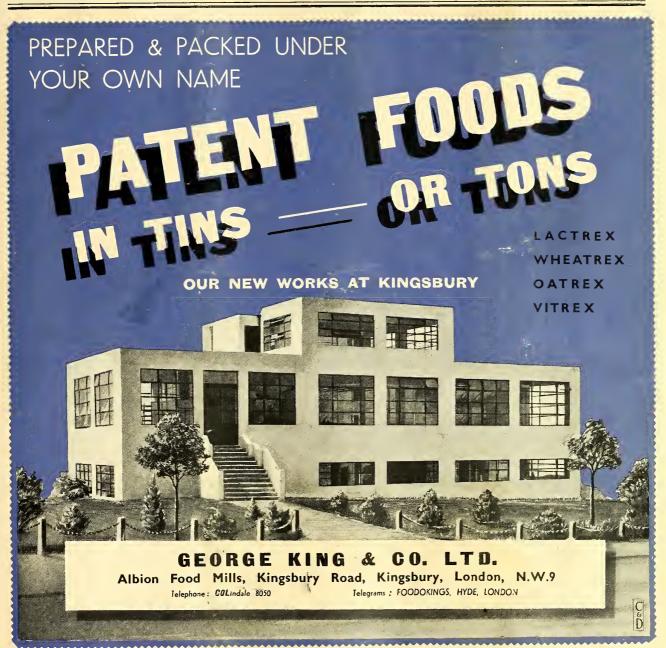
Established 1859

28 Essex Street, Strand Loudon, W.C.2 Registered as a Newspaper

No. 2848. VOL. CXXI.

SEPTEMBER 8, 1934

Annual Subscription (with Diary) 20/-. Single Copies 9d.



Index to Advertisers, pp. 5 & 6.

Aspirin? "He-flo" of course!

W. J. Bush & Co. Ltd.

Sold by

H. W. Gtaesset - Thomas.

49, Leadenhall St. London, E.C.3





A product which sells itself on its own merits and shows a margin of profit varying from 72 per cent. to 91 per cent. on outlay when advantage is taken of the generous bonus terms offered.

Two displays are available this year, both of which are of unique and compelling design, the larger being featured inset.

Do not be caught this winter without sufficient stocks.

ROOKES' COLLOSOL (Regid.)

IODINE & BLACK CURRANT PASTILLES

THE CROOKES LABORATORIES (British Colloids. Ltd.)
PARK ROYAL, LONDON, N.W.10
Telephone; Willesden 6313 (3 lines). Telegrams: Collosols, Harles, London

91% PROFIT ON OU

You'll be STED





You'll be ENTERTAINED

First you'll be interested in all the new ideas which the Hairdressing Fair has to show you—the pick of the ideas of a year which has been one long round of progress and development. Many of next season's fashions will be directly traceable to the influence of the Hairdressing Fair. You would indeed be ill-advised to make your plans without having been to Olympia. But you'll be entertained too—on a scale never before provided for. There will be demonstrations and competitions every day—so much that is bright, original and alive. Don't miss the great show of the year. Come to the Hairdressing Fair.

A bigger, better, brighter

HAIRDRESSING FAIR OLYMPIA

Empire Hall

SEPT 25-OCT 4

Your Best Medium for Selling Health and Beauty Products

WOMAN and BEAUTY is doing more than any other publication to help women in the pursuit of health and beauty. Its thousands of readers are all striving to make the most of their personal appearance.

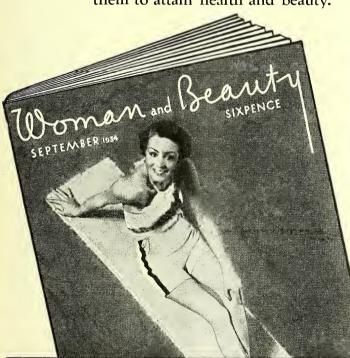
During the last twelve months Miss Ann Seymour, the famous Beauty Editress of WOMAN and BEAUTY, received over 25,000 letters seeking advice and guidance, whilst there are over 30,000 Registered Members of the HEALTH CLUB which is run in connection with this unique monthly.

These are facts which no advertiser of health and beauty products can afford to ignore. They prove beyond doubt, just as so many advertisers have proved from experience, that WOMAN and BEAUTY is the leading beauty journal to-day.

Consult your Advertising Agent about the pulling power of WOMAN and BEAUTY and then give it a trial in the special NOVEMBER GIFT ISSUE. The circulation is expected to be over

160,000 Copies

and offers a splendid opportunity to reach a good quality public who are keenly interested in everything that will help them to attain health and beauty.



NOVEMBER SPECIAL GIFT ISSUE

Press Day September 20

USUAL RATE

£50 Per Page

SIXTY POUNDS PREFERRED POSITIONS

CHAS. E. MANDER,

Advertisement Manager,

THE AMALGAMATED PRESS LTD.
The Fleetway House, Farringdon Street,
London, E.C. 4.



INDEX TO ADVERTISERS

Acton Pill & Tablet Co., Ltd. (Uricure
Tablets) viii
Aerograph Co., Ltd. (DeVilbiss
Atomizers) xii
Amalgamated Press, Ltd., The (Woman
and Beauty)
Amo Safety Razor Blade Co., Ltd 14
Aspro, Ltd. (Aspro) xiii
Association of Manfg. Chemists, Ltd.
Col. Supp.
Bailey, R., & Son, Ltd. ("Steraid"
• • • • • • • • • • • • • • • • • • • •
Dressings) xviii
Barker, R. W., & Co. (Patent
Agents)Leader Page
Barnett, Jack L., Ltd. (Bottles) 18
Bayer Products, Ltd. ('Luminal')
Leader Page
Beaucaire Laboratories (Dry Cleaning
Fluid) 18
Beechams Pills, Ltd. (Beechams Pills
and Powders) xi
Bell, John, Hills & Lucas, Ltd. (Cold
Cure Capsules)Leader Page
Bengué & Co., Ltd. (Agocholine, &c.) xii
Berdoe & Fish (Valuers, &c.)Col. Supp.
Bidwell, Bidwell & Co., Ltd. (Tooth
Brushes, &c.)
Bishop, Alfred, Ltd. (Varalettes, &c.) 5
Bisodol, Ltd. (Antacid Digestant) viii
Blackie, R. (Spun Ointments) x
Blythe, W., & Co., Ltd. (Chemicals) iii Blyton, Astley & Co., Ltd. (Lozenges,
&c.) viii
(C.) VIII

Brierley, John (Valuer, &c.) Col. Sup	p.
British Drug Houses, Ltd., The	
(Radio-Malt)Cov	\mathbf{er}
Bromaprints (Magnified Prints)	8
Burall Bros. (D. & P. Service)	18
Burrough, James, Ltd. (S.V.R. for	
Tinctures) Leader Pa	ge
Burroughs Wellcome & Co. (' Tabloid '	
Aspirin)	23
Cadbury Bros., Ltd. (Bourn-Vita)	ΧV
Cephos, Ltd. (Headache Remedy)	vi
Christy, T., & Co., Ltd. (Co-re-ga)	18
Clark, S. F. (Valuer, &c.)Col. Sup	p.
Continental Laboratories, Ltd. (Crinex) v	iii
Cora Hotel	7
Corfield, Ltd. (Steel Cabinets, &c.) xv	/ii
Crescent Preparations Co. (Aquilox	
Tonic Tablets)	ix
Crookes Laboratories (Iodine and Black	
Currant Pastilles)	1
,	
Dekur Preparations (Turtle Oil Pro-	
ducts, &c.) 1	4
Dixor, Ltd. (Toilet Preparations) 1	.5
Dudley & Co., Ltd. (Window Display	
Stands)1	8
English Grains Co., Ltd. (Yestamin) x	IV
Fennings, A. (Children's Cooling Pow-	
ders)Leader Pas	ge
Ferris & Co., Ltd. (Nigroids)	iv

Gambles, J. C., & Co., Ltd. (Cutex
Polish Remover) 11
Gardner, W., & Sons (Glos.), Ltd.
(Machinery) 17
George, Ernest J., & Co. (Valuer, &c.)
Col. Supp.
Gibbs, Antony, & Sons (Iodine) ii
Graesser-Thomas, H. W. (Aspirin
"Fre-Flo")Cover
Graifix (London) Agency (Graifix-
Hygien) xviii
Grenoville, Ltd. (Casanova Perfume) 7
Grout & Co., Ltd. (Crêpe Bandages,
&c.) xvii
,
Hackett, S. E. (Film Overstocks)
Col. Supp.
Hairdressing Fair 2
Halmagon Brand Tablets iv
-
Hampshire, F. W., & Co., Ltd. (Snow-
fire Face Powder) 12
Hancock, James Lyne, Ltd. (Hot
Water Bottles) xvii
Harris, Hart & Co., Ltd. (Glauber
Salts, &c.) ii
Hedley, T., & Co., Ltd. (Glycerine) ii
Heward, R. H., Co. (Surgical Ap-
pliances) xix
Hewlett, C. J., & Son, Ltd. (Lysol) iii
Hobson, Trimble & Co., Ltd. (Feet
Plaisters, &c.)xviii
Howards & Sons, Ltd. (Aspirin Tablets) i
[Continued overleaf.



INDEX—cont.	
Ilford, Ltd. (Selo Cream Rayon Paper) Imperial Chemical Industries, Ltd.	20
(Hypo)	v
International Chemical Association (Renipas)	vi
International Chemical Co., Ltd.	V 1
('Pineate' Honey Syrup)	ix
Jeffreys, Miller & Co., Ltd. (Malt Extract and Combinations)	4
Boxes)	viii
Josephs, Philip, & Sons, Ltd. (Shop-	
fittings)Col. Su	ipp.
Kemsales, Ltd. (Besorbon) King, G., & Co., Ltd. (Patent Foods)	ix
Co	ver
King, J. C., Ltd. (Shopfittings)	20
Lawrence, G. H., Ltd. (Razor Blades) Leyland & Birmingham Rubber Co.,	15
Ltd. (Hot Water Bottles) London & Provincial Factors, Ltd.	XX
(Wanie Blades)	12
Low, Son & Haydon (Toilet Preps.)	18
McGlashan, D., Ltd. (Abdine)	xiv
Mandall & Co., Ltd. (Licoricine)	xiv
Martindale, W. ("E.S.T.P.")	X
Mather, William, Ltd. (Plaisters, &c.)	xix
Matthews, D., & Son (Shopfittings)	
Col. S	upp.
Maund, F., & Berg, E., Ltd. (Show-cases)	upp.
Mawdsley, D., & Co. (Malt and Cod	
Liver Oil)	
May, Roberts & Co., Ltd. (Service)	9

Metropolitan-Vickers Electrical Co., Ltd. (Cosmos Lamps)Leader P. Mundet Cork Products, Ltd. (Corks	age
and Stoppers)Leader P.	000
Mysore, Trade Commissioner for, in	age
London (Sandalwood Oil)	vi
Nageles (Overalls)	15
Newball & Mason, Ltd. (Extract of	
Herbs)	xiv
Nic-o-cin, Ltd. (Nic-o-cin Pastilles)	vii
Olley, C., & Sons, Ltd. (Corks)	16
Orridge & Co. (Valuers, &c.)Col. Su	pp.
Pearson & Co. (Chesterfield), Ltd.	
(Stoneware Containers)	16
Pifco, Ltd. (Dry Batteries)	18
Potter & Clarke, Ltd. (Wholesale	
Druggists)	21
Prescott, A. (Cacao Butter, &c.)	ii
Raleigh Cycle Co., Ltd. (Delivery	
Cycles)	13
Reynolds & Branson, Ltd. (Surgical	
Sundries)	18
Rivista Italiana delle Essenze e Pro-	xvi
Roura & Forgas (Quicksilver)	iv
Roura & Forgas (Quickshver)	IV
Scintillating Sign Service (Illuminated	
Signs, &c.)	14
Scott & Turner, Ltd. (Andrews Liver	
Salt)	xiv
Scurr, C. A. (Optical Tuition)	18
Shadeine Co. (Hair Dyes)	18
Sherley, A. F., & Co., Ltd. (Veteri-	10
nary Preparations)	17
nary reparations,	11

Sherwood Confectionery Co. (Sir Nynes	
Pastilles)	xiv
Smith, T. & H., Ltd. (Alkaloids)	iji
Solazzi Liquorice	iv
Solport Bros., Ltd. (Wrist Supports)	xix
Southall Bros. & Barelay, Ltd. (Hot	
Water Bottles, &c.)10,	viii
South of England College of Pharmacy	17
Speake, W. (Old Bottle Stocks)Col. St	ipp.
Spencer Bros. (Face Cloths)	14
Stapleton & Son (Archanium)	ix
Starke, R. W. B. (Camomile Oil)	18
Sterns, Ltd. (Oils, Petroleum)	xvi
Tenz, Ltd. (Deodorant Tablets)	18
Thompson & Capper Wholesale, Ltd.	
(Tablet Machines)	19
Thurley, G. E., & Son (Liquid Paraffin)	vi
Tolkien, C., & Co., Ltd. (Butterscotch,	
Malt and Halibut Oil)	б
Toogood, Wm., Ltd. (Soapless Sham-	
poos)	12
Town Talk Polish Co. (Liquid Silver	viii
Polish)	VIII
United Chemists' Association, Ltd.	
(Complexion Milk)	24
(Complexion Mark)	24
Wagner, R. V. (Bottle Caps)	16
Walton, T. H., & Co., Ltd. (Com-	10
pressed Tablets)	18
Watts, T., & Walker, Ltd. (Valuers,	10
&c.)	upp.
Webb, Wm. A., Ltd. ("White	
Monarch " Balance)	x vii
Wilson & Mansfield, Ltd. (Eucalyptus	
Oil)	
Wood Bros. Glass Co. (Glassware)	16
Woolley, J., Sons & Co., Ltd. (Sun Tan	
Cream)	

For this winter's trade stock the reliable brand

WHOLESALE, RETAIL HOME - - EXPORT

A large range of attractive "Own Name" labels is available.

Liberal display material supplied with all orders.

Also price tickets, &c.

Butterscotch Brand Malt Extract & Cod Liver Oil

The Brand that gives satisfaction made by the firm that gives service

C. TOLKIEN & CO., LTD.

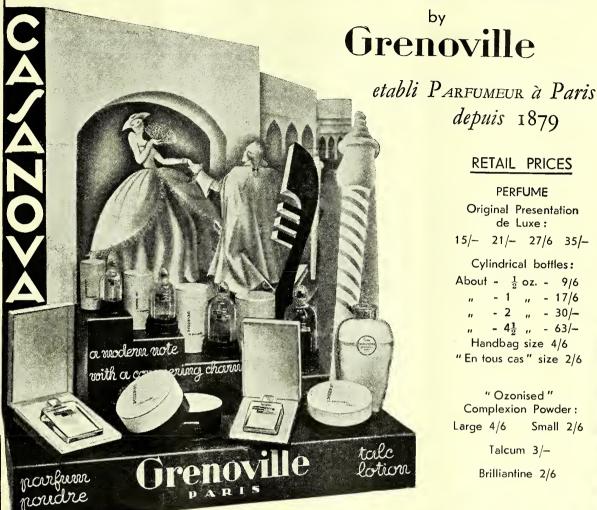
Phone: Steeton 69 Wires: "Remogen, Phone, Steeton." REMOGEN WORKS, SILSDEN, YORKSHIRE

LONDON: 461a CALEDONIAN ROAD, N.7 Phone: North 5047
BIRMINGHAM: II GOTHIC ARCADE, SNOW HILL, BIRMINGHAM, 4. Phone: Central 1159.



of a distinctive creation

casanovo



RETAIL PRICES

depuis 1879

PERFUME

Original Presentation de Luxe:

15/- 21/- 27/6 35/-

Cylindrical bottles:

About = $\frac{1}{2}$ oz. - 9/6

- 2 ,, - 30/-" - $4\frac{1}{2}$ " - 63/-

Handbag size 4/6

"En tous cas" size 2/6

" Ozonised " Complexion Powder:

Large 4/6 Small 2/6

Talcum 3/-

Brilliantine 2/6

SPECIAL INTRODUCTORY **OFFERS**

ATTRACTIVE SHOW MATERIAL, UNIQUE SALES AIDS, AND SAMPLES ARE **AVAILABLE**

Sole Selling Agents: J. GAW & CO., 65 Hatton Garden, London, E.C.1

a modern note with a conquering charm an entrancing fragrance

Backed by vigorous, nation-wide advertising in leading publications, the "Casanova" series will Grenoville the same outstanding position in this country which it holds on the Continent and in the U.S.A.

All correspondence should be addressed to:

Grenoville Ltd., 64 Hatton Garden, London, E.C.1

Telephone: HOLborn 8028

Telegrams: Grenoville-Smith, London

An important announcement

of particular interest to the Private Chemist!

You can now compete on more than equal terms with the multiple store so far as D. & P. work is concerned.

THE NEW BROMAPRINTS are magnified prints — excellent in every detail — and they cost no more than ordinary prints.

Photographic business easily slips away. Here is something novel — extraordinarily good value — which will hold your present business, and what is more, will gain you fresh customers.

We will gladly send you samples and full details, free of obligation.

BROMAPRINTS WILL STIMULATE YOUR D. & P. WORK
EVERY PRINT IS A PLEASURE
A POST CARD WILL BRING
DETAILS BY RETURN POST

BROMAPRINTS, NEWTON ABBOT, DEVON

ON TIME

EVERY TIME

Consistent timekeeping is the keynote of our Service. You can rely upon every order placed with us to receive immediate attention and to be dispatched, carefully checked and verified, by the means most sure to reach you quickly. Wherever you may be, we can serve you well. Whatever you need we can supply in perfect condition with greatest speed.

'Phone: **CLERKENWELL** 8260

Send your orders to

MAY ROBERTS

& CO. LTD.

7-13 Clerkenwell Road, London, E.C.I

BRANCHES:

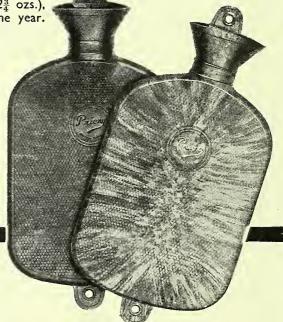
CARDIFF - - Tredegar House, Hope St. LIVERPOOL - 67/73 Duke St.

- 32/33 Kinterbury St IRISH FREE STATE Grand Canal Ouay, Dublin, C6

Second to None in Quality & Value for Money

The "DALTON" and "SUPERB" are so reliable that returns from all causes have not exceeded 0.007% of bottles sold. The "PRIORY" Moulded are British made, 3-quart size (about





The

DALTON & SUPERB

The "DALTON" (grey) and the "SUPERB" (red) Canvas reinforced.

Fitted with the "ECLIPSE" LEAK-PROOF STOPPER.

YOUR NAME AND ADDRESS FREE ON 3 DOZEN LOTS.

Guaranteed two years

THE PRIORY

The "PRIORY" Moulded Rubber.

Delightfully finished and turned out in PLAIN RED, PLAIN BLUE, MARBLED RED AND BLACK, MARBLED ORANGE AND RED, MARBLED BLUE

AND ORANGE, ASSORTED.

Guaranteed one year

If you will make use of this space for your Name Slip and post the advergladly send you full par-ticulars and prices of these and any other lines you may be interested in.

NAME SLIP HERE

SOUTHALL BROS. & BARCLAY, LTD., PRIORY HOUSE, BIRMINGHAM

UTEX announce an Oily Polish Remover!

... and it's going to walk right off your counter

VERYONE IS AYING IT'S A REAL SALES CHANCE FOR YOU SIR!

A new Polish Remover by Cutex containing beneficial oil! Actual investigations among women promise BIG sales for this line. It's going to walk right off your counter because women are waiting for it.

PARDON ME SIR

BUT YOUR CUSTOMERS

WALLING

FOR IT

Up to now, polish removers have tended to dry both the cuticle and the nails. To-day, with Cutex Oily Polish Remover, Cutex chemists have overcome this.

The rich, softening oil in Cutex Oily Polish Remover works into the cuticle, leaving it soft, smooth, pliable. Nails don't get dry or brittle. And your customers will be specially glad to find it leaves a surface perfectly prepared for fresh polish.

The bottle is larger — no increase in cost. And the polish remover lasts longer — less evaporation in the bottle.

> Make all you can out of this profitable new line. Feature Cutex Oily Polish Remover on your counter, in your window. Order adequate stocks now.



CUTEX Oily Polish Remover

STOCK YOU GOT IN LAST WEEK HAS RUN OUT ALREADY

WHOLESALE DISTRIBUTORS:-

J. C. GAMBLES & CO., LTD., 211 BLACKFRIARS RD., LONDON, S.E.1

TOOGOOD'S SOAPLESS SHAMPOO Powders



In Envelopes
Boxes of 3 dozen, 22/- per gross



In Compressed Tablets
Show Boxes of 1 dozen
22/- per dozen Boxes

Manufactured by

WILLIAM TOOGOOD LTD.
77 SOUTHWARK ST., LONDON, S.E.1

A sure winner in the popularity race

Among all the many different makes of face powder, Snowfire always holds a leading place in popular favour. This, of course, is because its quality is so very good and its value so exceptional. Women everywhere like its extra fineness and its delicate perfume use it regularly and recommend it to their friends. You will find it one of the most profitable lines you ever handled. Display it on your counter and in your window, and see how brisk a demand it receives.

Snowfire FACE POWDER

Loose in attractive boxes, 2d., 3d. and 6d. Flat compacts, 6d. Retail.

F. W. HAMPSHIRE & CO. LTD., DERBY



THE CARRIER BICYCLE



see it's a First Class

door

representative

Shabby, disreputable-looking carriers mean a shabby, untidy shop to a woman. Your shop may actually leave nothing to be desired but . . . your carriers are your representatives, and it's worth while to see that they do you credit. That's one important reason for using Raleighs-they always look neat and smart with their rust-proof and chip-proof enamelling. The other reasons are just as important—their easy running, their ability to stand rough handling, their freedom from breakdowns.

Send for full particulars of Raleigh Carriers to-day and learn more about these fine machines.

STANDARD CARRIER

£6.19.6 or 12 monthly payments of 14s. (no deposit)

(Cash)

Bashel can be supplied at extra charge of 7s. 6d. Lettering on nameplate 5s. extra (30 letters each side).

LOW GRAVITY CARRIER at same price and terms.

Specially designed for carrying heavy or bulky loads without skidding. An instantly operated stand built into the carrier is an important feature. EVERY RALEIGH CARRIER CYCLE has the finest equipment including BROOKS SADDLE, DUNLOP TYRES, etc.

RALEIGH CYCLE

ALL-STEEL BICYCLE COMPANY LIMITED. NOTTINGHAM

DEKUR Preparations

for Health and Beauty are now being

Nationally Advertised

Turtle Oil Products

- * No.1. DEKUR Bonne Nuit Turtle Oil Cream Retail 1/6, 6/- and 37/6. Wholesale 12/-, 48/and 300/- per dozen.
- * No.10. DEKUR Anti-wrinkle Turtle Oil Cream Retail 1/6, 7/6 and 12/6. Wholesale 12/-, 60/and 100/- per dozen.
- * No.3. DEKUR Liquid Milk Soap Retail 1/- and 2/6. Wholesale 8/- and 20/- per dozen.

also DEKUR Sebum Baths (patent) and Sebum Lotion

Entirely British Made

WRITE FOR FULL PARTICULARS AND DISPLAY TERMS—DISTRICT AGENCIES AND DEMONSTRATIONS ARRANGED

Supplies from your wholesaler or direct

DEKUR PREPARATIONS Imperial House, 80-86 Regent St., W.1. Phone: Regent 3840.

Genuine Dekur Turtle Oil preparations bear always the Dekur Trade Mark.





Write for details to:

AMO Salely Razor Blade Co., Ltd. Broad St. House, London, E.C.2

Telephone: Londonwall 1480



BIDWELLS

Makers of High Class Tooth, Hair, Nail & Shaving Brushes

AXMINSTED

- Proprietors of -

"GLORIA" Silverdrawn and "SALVODENT" brands of

-Tooth Brushes -

TEL. NOS. : AXMINSTER 96

LONDON: TEMPLE BAR 3765
TEL. ADD.: "BIDWELL AXMINSTER"





Buy direct from the Maker

WE ARE ACTUAL MAKERS OF ALL TYPES OF

CHEMISTS' SIGNS Illuminated from 65/~

Let us quote you

Non-illuminated "

SCINTILLATING SIGN SERVICE, 68a COLEBROOK ROW, ISLINGTON, N.1
Telephone: CLERKENWELL 1310

A SKIN By the makers of Velouty

Order a small stock from your Wholesaler

Iradium is now being advertised in the Magazines, and Fashion Journals. Samples are being offered in the Velouty advertisements appearing in the National Dailies. Should any difficulty be experienced in obtaining supplies please communicate with Dixor Ltd.

Have it ready when it is asked for!



IRADIUM de DIXOR

A high-class skin tonic at a moderate price.

Sell it with Velouty!

Send for a supply of Iradium and Velouty show material and leaflets.

P.A.T.A. Prices:

Retail 2/6 & 5/6 a bottle. Wholesale 18/- & 39/- a doz.

DIXOR LTD., DANEMERE STREET, LONDON, S.W. 15.







DESIGNERS & MANUFACTURERS
OF GLASSWARE FOR PERFUMES
COSMETICS AND BATH SALTS

WOOD BROS.GLASS Cº LIMITED

(ESTABLISHED 18M

BARNSLEY . . . ENGLAND







THE POTTERIES : WHITTINGTON MOOR : CHESTERFIELD
LONDON OFFICE : 31 ELY PLACE : HOLBORN CIRCUS E.C.1

RLEYS

DOG & CAT MEDICINES

are always in popular demand. They are prepared by fully qualified Analytical and Pharmaceutical Chemists under the super vision of a veterinary expert and have reached their present big sales because of their purity, safety and efficacy.

Extensive advertising, generous trade terms, including extra discounts for £2 parcels and Window Display, make the Sherley range of Products the ideal lines for you. Keep a stock always on hand to meet the demand in your district for these quick-selling lines.

A postcard brings full details A. F. SHERLEY & Co. Ltd., 18 Marshalsea Rd., London, S.E.1



Sherley's Worm Capsules and Powders Tonic & Condition **Powders** Insect Powder Canker Lotion & Powder Skincure Cough Tablets Fit Tablets Lintox for Distemper Distempercure Wound Lotion Eye Lotion Formalin Soap Dry Shampoo Dry Cleaning Powder Shampoo Dry Cleaner Lactol & Lactol Biscuits

WHEN YOU VISIT LONDON stay at the

CORA HOTEL Upper Woburn Pl., W.C.1

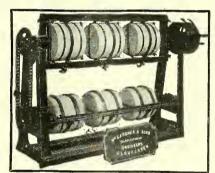
Accommodation for 230 Guests
Near Euston, St. Pancras, and King's X.
CENTRAL CONVENIENT
COMFORTABLE

Magnificent Palm Lounge and Winter Garden. Music. H. and C. Running Water Basins in all rooms. Bedlights. Modern Conveniences

BEDROOM, BATH AND BREAKFAST 8/6

BOARD TERMS, applicable to a stay of 3 days or more: Partial 11/- per day. Full Board 13/-

GRIND YOUR OWN FINE



CHEMICALS WITH BALL OR PEBBLE MIL

These Gardner Mills will reduce wet or dry materials to any fineness desired, without attention and on very low power. They are made with plain metal, lined with Porcelain, Silex or Rubber, or with Porcelain Pots, Steel or Porcelain Balls or with Pebbles.

Various sizes are made, in one or more cylinders, for reducing and mixing any number of different materials. A six-chambered Porcelain pot mill for fine Chemical powders, paste and solutions is shown above. Advice on correct plant, gratis and with pleasure.

WM. GARDNER & SONS (Gloucester) LTD.

BRISTOL RD., GLOUCESTER Grams: "Gardner, Gloucester."

London Office: 19 Gray's Inn Chambers, 20 High Holborn, W.C.1.
Phone: Chancery 7347

THE SOUTH OF ENGLAND COLLEGE OF PHARMACY

Principal-H. LUCAS, Ph.C., F.C.S.

"THE SCHOOL FOR SUCCESS" NEW SESSION COMMENCES OCTOBER 4th.

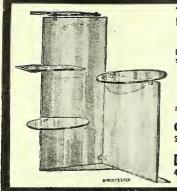
PART I - 6 MONTHS, FEE 20 GUINEAS PART II - 9 MONTHS, FEE 30 GUINEAS

"Once a week" classes for Part I. every Wednesday 2-8.30 p.m. begin Oct. 10th. Fee 2 guineas per term.

BENCHES ARE NOW BEING RESERVED

For all particulars apply to the Principal

186 CLAPHAM ROAD, STOCKWELL, LONDON, S.W.9



This is the latest type of Invisible Window Display Stand No. S.F. 5415

Elegant Frameless Stand as shown. Consisting of-1 36×12 glass oblong 1 18×12 ", "

10×12 ,, 12×9 oval 11×5 ,,

1 11×5 ,, 2 10×4 ,, and all necessary Chromium Plated Clips.

Complete for 22/6 Send for full particulars and list C.D. 1500.

DUDLEY & CO., LTD. 451 Holloway Rd., London, N.7

ENGLISH OIL OF CAMOMILE

(ANTHEMIS NOBILIS)

From Plants Grown on My Own Farm

R. W. B. STARKE The CHESTNUTS FARM, EYE, SUFFOLK Also ENGLISH CAMOMILE FLOWERS

INCREASE YOUR DEVELOPING AND PRINTING SERVICE!

Make use of our really useful series of D. & P. books, also our Printed Aids to Selling.

Interesting range of samples post free.

BURALL Bros. - Wisbech, Cambs.

*DOMCO' (Regd.) MALT & COD LIVER OIL AND MALT & HALIBUT LIVER OIL

are exceptionally palatable preparations carrying a good profit margin

Both these quality products are supplied in 1, 2, & 7 lb. jars individually wrapped, or in 1 lb. containers for N.H.I. purposes. Quotations from-

D. MAWDSLEY & CO. 4 & 6 Riga Street, She MANCHESTER

SELL AT SIGHT

A quick selling sideline is always worth while. Here is a profitable one for you renz Tablets speedily remove breath odours in a pleusant fashion and there is a remarkable demand for them. Neatly packed in dainty outers, they also up to the profit of the control of the contro

TENZ LIMITED, MANCHESTER 8, and London

WE HELP YOU

in furnishing you with Surgical and other sundries to give a high average profit! Enquiries will receive our prompt expert attention

REYNOLDS & BRANSON Ltd., 13 Briggate, LEEDS 1 Telegrams: REYNOLDS Leeds Telephone: Leeds 20046

COMPRESSED TABLET

COATED or UNCOATED Standard or Private Formulæ

Wholesale Buyers write T.H.WALTON & Co.Ltd. BATLEY

Louis de Luxe Products ALL TOILET PREPARATIONS

PROPRIETORS:

Low, Son & Haydon, Limited

5 GT. QUEEN ST., LONDON, W.C.2 TELEPHONE: HOLBORN 6410 EST. 1790

COURT PERFUMERS

FOR TINTING GREY HAIR

This popular article is largely advertised and stocked by all Wholesale Houses, Trial size 8d, per doz. 6/- 1/4 size, per doz. 12/- 2/6 size, per doz. 24/- 5/9 size, per doz. 36/- 5/9 size, per doz. 36/-

The SHADEINE Co., 58, Westbourne Grove, London, W.2

NEVER DESPAIR - JUST USE BEAUCAIRE

A MILLION PEOPLE know the meaning of this slogan—they've seen Beaucaire demonstrated in the largest stores in Gt. Britain, they've seen how Beaucaire removes grease, oil, dirt and stains from clothing, dresses, lats, furs, ties, gloves, carpets, tapestries, etc. Thousands have bought Beaucaire and repeat regularly.

Beaucaire Dry Cleaning Fluid retails at 1/-, 2/- and 5/- per bottle.

Ask your wholesaler about it, or write to sole makers:

Beaucaire Laboratories, 14 America Square, London, E.C.3. Beaucaire is non-inflammable, leaves no cdour-entirely British.

NFW

BATTERIES DRY

SELL ALL THE YEAR ROUND

PIFCO carry a twelve months' storage guarantee and only cost 4jd. subject.

Illustrated Catalogue res. 85 PIFCO HOUSE - MANCHESTER

OPTICAL TUITION

FOR THE

S.M.C., B.O.A. and N.A.O. DIPLOMA Examinations

G. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S. 50 HIGH STREET, BARNET, LONDON, N.

F. MAUND & E. BERG (SHOWCASES) Ltd.

SHOPFITTERS & SHOPFRONT BUILDERS 175/9 OLD STREET, LONDON, Telephone: Clerkenwell 1782/3

are offering for sale, at competitive prices, an extensive and exceptionally full range of Chemists' Fittings, Second-hand and New.

FREE and POST FREE

Display it and increase your sales THOS. CHRISTY & Co., Ltd., Old Swan Lane, London, E.C.4

ROTARY TABLET MACHINES LATEST DESIGNS

STOKES MANESTY

"B" & "D" ROTARY TABLET MACHINES

These machines are the last word in tablet making. For speed, accuracy, smoothness of running and ease of handling they are unrivalled.

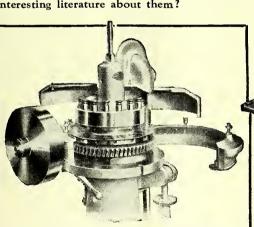
Many new features are incorporated in the latest models, including a new type of release which eliminates any danger of accident through foreign substances getting into the dies or from too much pressure being put on the tablets by the operator.

Punches and dies can be made for the "D" Rotary to produce a great variety of shapes of tablets, either plain or bearing a trade mark or other impression.

The "B" Rotary makes tablets up to ½" diameter, but we do not recommend this machine for shapes other than round.

When special shapes are required, we recommend the "D" machine.

It will pay you to investigate the possibilities of these machines. May we send you some interesting literature about them?



parts are covered by guards, easily removable, which prevent oil or dirt coming in contact with the granules or tablets.

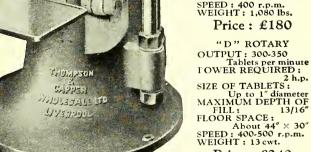


"B" Rotary.

"B" ROTARY OUTPUT: 400-500 Tablets per minute POWER REQUIRED: POWER REQUIRED:
2 h.p.
2 h.p.
SIZE OF TABLETS:
3/16" to ½"
MAXIMUM DEPTH OF
FILL:
11/16"
FLOOR SPACE:
28" × 38" SPEED: 400 r.p.m. WEIGHT: 1,080 lbs.

"D" ROTARY
OUTPUT: 300-350
Tablets per minute
TOWER REQUIRED: SIZE OF TABLETS:

Price: £240



"D" Rotary.

THOMPSON & CAPPER WHOLESALE

MANUFACTURERS OF CHEMICAL AND PHARMACEUTICAL MACHINERY

MANESTY BUILDINGS, 5 COLLEGE LANE, LIVERPOOL, 1

MAKE



Doubly Profita

-use the paper that saves waste, effort and expense . . . that is clean-working and stainfree . . . that produces prints of out-standing merit-



"de luxe" prints use CREAM RAYON new surface, the paper specially made to attract more profitable business.

Made in England by—

ILFORD LIMITED ILFORD, LONDON



Ref. No. H 3249 Round Section Metal Display Pedestals, fitted with Rubber Studs at Top and Bottom. Stocked in the following sizes:— Brown Bronze Finish Chromium Plate Finish 2/6 each 3/- ,, 3/9 ,, 9-in. 12-in. 1/3 each 15-in. 18-in. 21-in. 2/9

Ref. No
OK 256
First Quality
Clear Glass and
Black Opa!
Glass, Display
Ovals, ½" thick,
polished edges.
Stocked in
the following
sizes:—

sizes:—		
Size	Clear Glass	Black Opa Glass
$9'' \times 5''$		1/5 each
10" × 7"	1/5	1/6 ,,
$12'' \times 9''$	1/6 ,,	1/9 ,,
$14'' \times 10''$	2/2	2/8 ,,
$16'' \times 9''$	2/6	3/- ,,
$18'' \times 12''$	3/6 ,,	4/3 ,,
$20'' \times 15''$	4/	5/3 ,,
$94'' \times 18''$	5/9	7/3

24-in. 30-in.

We will be pleased to forward our com-plete catalogue of Pharmacy Fittings No. 1013. Post Free on Application.



No. H 3278. Square Section No. H 3278. Square Section Metal Display Stand, fitted with two Black Opal Glass Shelves, 10° × 6°. Mounted on a square base. Height overall, 12°. Brown Bronze Finish 11/3 each Chromium Plate Finish 13/6 "



Bef. No. H 3275. Square Section Metal Display Stand, fitted with three Black Opal Glass Shelves, 7" × 5". Height overall, 19".

Brown Bronze Finish 11/3 each ChromiumPlate Finish 13/6



No. H 3277. Round Section Metal Display Stand, fitted with four Black Opal Glass Shelves, 10"×6". Mounted on a Double Circle Base. Height overall, 21".

Brown Bronze Finish, 14/3 each Chromium Plate Finish



No. H 3472. Square Section Metal Display Stand, fitted with four Black Opal Glass Shelves, 9"x5". Height overall, 24". Chromium Plate Finish, 30/- each

42-60 GOSWELL ROAD, LONDON, E.C.I
PHONES: CLERKENWELL 2316 (Private Branch Exchange)



Perfect examples of Pharmaceutical Excellence EVAPORATING PANS RECIPITATION TANK FILTER Ferri et Ammon Cit. Ferri et Quinine Cit. Potassium Cit. Sodium Cit.

POTTER

Telephone: Bishopsgate
4761 (5 lines),
Blackfriars 8734.

Telephone: Bishopsgate
4762 (5 lines),
AND AT 77 DANTZIC STREET, MANCHESTER, 4 Telegrams: "Horehound, Manchester."

THE CHEMIST'S COMPACT LIBRARY

Every book by an Expert

Pharmaceutical Formulas

(P.F. Vol. 1)

The tenth edition of this, the most complete pharmaceutical formulary in the English language, is devoted to the official and semi-official preparations of practically every country in the world. This volume (published 1929) contains 1146 pages

Price 15s. net, by post 15s. 9d.

Pharmaceutical Formulas

(P.F. Vol. 11)

Published 1934. Supplementary to Vol. I, and known as "The Chemists' Recipe Book." Contains formulas for adhesives, beverages, cleaning materials, culinary and household requisites, horticultural and agricultural and noisenoid requisites, horticultural and agricultural preparations, inks, lozenges, perfumes, photographic preparations, polishes, soaps, toilet articles, varnishes, veterinary preparations, etc., including numerous descriptions of practical methods employed in their manufacture, and other information of use to pharmacists and manufacturers. Over 1000 pages.

Price 15s. net, by post 15s. 9d.

Pharmaceutical Botany

An attractively written book, dealing with the plants mentioned in the examination syllabus of the various pharmaceutical examining bodies. A useful gift for apprentices and assistants who have not passed the qualifying examinations.

Price 5s. net, by post 5s. 4d.

The Art of Dispensing

The Art of Dispensing
The tenth edition of this well-known work is now ready. The book has been thoroughly revised and considerably improved, while maintaining the features which have made it so popular with several generations of students. It is kept by chemists in the dispensary for ready reference in cases of difficulties arising in the course of the day's work.

Price 8s. net, by post 8s. 6d.

Veterinary Counter Practice
Chemists interested in veterinary practice will find the work indispensable, as it deals with the ailments of horses, cattle, sheep, pigs, dogs, and poultry, and the remedies that can be supplied. New edition 1930 (Eighth) brings this book thoroughly up to date.

Price 7s. 6d. ret, by post 8s.

The Photographic Chemist

This is a concise guide to chemists commencing and carrying on a photographic department.

Price 3s. 6d. net, by post 3s. 8d.

Diseases and Remedies

Now in its sixth edition (March, 1931). It has been carefully revised by an experienced medical practitioner and parts of the book have been rewritten.

Price 5s. net, by post 5s. 3d.

Wootton's Chronicles of Pharmacy

In two vols., maroon cloth, comprising 770 pages Price 10s. 6d. net, by post 11s. 3d.

Practical Methods of Urine Analysis

The object of this book is to give chemists exactly the information they want on the subject. The book was written by a pharmacist who was an expert in this work, and has been revised by a medical practitioner and lecturer of long experience in clinical analysis. (Fourth Edition). Contains 97 pages.

Price 4s. net, by post 4s. 3d.

The Chemists' Dictionary of Medical Terms

A small book which explains the meaning of medical terms as to which customers often inquire from chemists. In addition to concise definitions of these technical terms, notes are given on the treatment of the more important ailments.

Price 3s. 6d. net, by post 3s. 8d.

The C. & D. Price List Formulary, "P.L.F."

All users of the C. & D. Retail Dispensing Price List require a copy of this Formulary. It brings together the formulas for unofficial preparations, the prices of which are quoted in the Price List. It is a choice collection of good formulas for articles in everyday request by the public.

Price 2s. 6d. post free

Provincial Hospital Pharmacopæias

Uniform with the "Chemists' Dictionary," contains 296 pages and consists of formulas for medical prescriptions used in twenty-two hospitals and infirmaries in Great Britain outside the London district.

Price 3s. net, by post 2s. 2d.

FOREIGN CORRESPONDENTS ARE REQUESTED TO NOTE THAT THE POSTAGE IS 2d. EXTRA FOR EACH BOOK.

May be obtained at the published prices from the Wholesale Drug or Sundries House or from:

THE CHEMIST AND DRUGGIST, 28 ESSEX STREET, STRAND, LONDON, W.C.2

Branch Offices: Paris: Melbourne and Sydney, Australia; Auckland, New Zealand; Manchester: 49 County Buildings; Sheffield: 54 Foster's Buildings.

Glasgow: 19 Waterloo Street.

Lost Prestige leads to Loss of Business

Extract from a letter published in the Chemist and Druggist



Aug. 11, 1934, page 209

Driving Away Trade

"SIR,—A lady asked the manager of a chemist's "shop in the London area for a bottle of 25 aspirin "tablets of a well-known brand . . . The pharmacist, obviously having no stock of the "article in question, . . . forced upon her a "round tin of 25 aspirin tablets, with several tablets crumbling or broken, for the sum of 3-1/2d. This lady, not caring to refuse the package after the chemist's remarks (made, "by the way, in front of other customers), paid "for the tin, took it home and promptly put it in "the dustbin, resolving never to go inside that "shop again. This is bad business "

It pays to sell 'TABLOID' ASPIRIN

Trade Mark

Brand



Inspires Confidence Creates Goodwill

Prepared from Acetylsalicylic Acid of the highest possible purity; free from acetic and salicylic acids.

No substance is added to mask the B.P. limit test.

No talc or boric acid is used.

Bottles of 25 products, 10/- per doz.

,, ,, 100. ,, 30/- ,, ,,

London Prices to the Trade (subject)



BURROUGHS WELLCOME & CO.
LONDON

COPYRIGHT



G 1821



COMPLEXION MILK



MYSTERIOUS —— IN IT'S POPULARITY

• Prices -

Retails at 2/6 per bottle Costs - 15/- " dozen

An entirely new base has been used for this new high-class Toilet Preparation. A beautiful showcard reproducing in colour the "Lady's Head" shown in background of this announcement sent with all orders.

UNITED CHEMISTS' ASSOCIATION, LTD.

Manufacturing Chemists

CHELTENHAM, and 4 and 6 KEITH GROVE, LONDON, W. 12

Phone: Cheltenham 3021

Phone, London: Shepherd's Bush, 3437/8

HEMIST AND DRUGGIS'

Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

The official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in Overseas Dominions

PUBLISHED AT

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telephone: Central 6565 (8 lines) Telegrams: "Chemicus, Estrand, London"

BRANCH OFFICES

4 CANNON STREET, MANCHESTER (TEL.: BLACKFRIARS 3052)

19 WATERLOO STREET, GLASGOW (TEL.: CENTRAL 2329)

155 AVENUE DE WAGRAM, PARIS, XVII[®] (TEL.: ETOILE 19-79)

CONTENTS SEPTEMBER 8, 1934 VOL. 121. NO. 2848 Births 309 Marriages 309 Retrospect 320 ritish Association Address 312 Medical Hydrology... 306 Scottish Notes 303 Commercial Notes ... 318 Stock Exchange Prices 304 Business Changes 309 Deaths 309 The Retention Fee ... 306 Correspondence :--New Companies and Company News 304 Editorial Article:-Letters 319 Topical Reflections ... 303 The Slippery Slope 311 Dispensing Notes ... 320 News of the Week ... 301 Trade Marks 308 Information Depart-Legal Queries 320 ment 310 Personalities 309 Trade Notes 308 Subscribers' Symposium 320 Trade Report 315 Irish Notes 303 Pharmacy in Sweden 305

News of the Week

Import Duties Exemption

THE Import Duties (Exemptions) (No. 10) Order, 1934, dated August 28, 1934, provides for the free import of seaweed, raw, unground, dried or bleached, but not further prepared or treated.

National Display Convention

The tenth National Display Convention, organised by The tenth National Display Convention, organised by the London branch of the National Display Association, was held at the Conway Hall, London, W.C.I, on September 3, 4 and 5. The comprehensive programme, which included lectures and demonstrations by experts in display and kindred subjects, was carried through without a hitch. The number of delegates to the convention was between sixty and eighty, this number being of course supplemented at the social functions. being of course supplemented at the social functions. At the dinner on September 5, the chair was taken by Mr. H. Cundall. The toast to "The Association" was proposed by Mr. W. R. Collins (chairman and managing director of D. & W. Gibbs, Ltd.), and replied to by Mr. F. S. Trott. The toast to "The Visitors" was proposed by Mr. Ward (a past-president of the Association), and was responded to by Mr. Noel Hawkins. During the dinner the trophies were presented by Mr. Collins, who was ably assisted by Mrs. Cundall. A dance followed. followed.

A New London Factory

Removal to a larger factory is a sure sign of progress; and it was with pleasure, therefore, that a representative of The Chemist and Druggist recently visited the modern works of George King & Co., Ltd., at Kingsbury Road, Kingsbury, London, N.W.9. Albion Food Mills is a new building, specially designed and constructed for the manufacture of the patent foods for which the com-pany is so well known. Several features of the new build-ing, which is illustrated on the front cover of this issue, will be of interest to our readers. On the ground floor is a large packing and filling room, and facilities for staff accommodation. On the first floor are the reception hall, general offices, managing director's private office and board room. On this floor also is the manufacturing plant, including several large cooking ovens. There are six automatic furnaces of the company's own design—and ample space for more. The laboratory, and a room for the preparation of special formula foods, are also on this floor. The second floor, which is served by an electric lift, is devoted to the storage of grain and other bulky materials; these can be fed down to the cooking ovens by means of chutes. The factory is situated in an ideal spot, and advantage is taken of the frontage to Kingsbury Road to make the external appearance pleasing. Internally, the factory is designed for maximum light and air, and a high standard of cleanliness and efficiency prevails.

Chemical Workers' Union

During 1933 a movement was started among members of the Chemical Workers' Union employed in sixty-seven of the principal houses in the drug and fine chemical trades, employing in the aggregate 20,000 workers. This movement resulted in the Union's Executive being instructed to draw up new terms embodied in a new agreement. The new terms were submitted to a national ballot of workers concerned last April, resulting in a majority vote of 17 to 1 in favour of the terms. The voting also involved an instruction to the Executive to apply direct to all firms concerned for consideration and acceptance of the new agreement. The following are the principal points in the document circulated by the Union:-

Proposed				Existing	
Hours: 40 per week		4	8 per we	eek	
Overtime: 1½ times		I	1 first 2	hrs. 11 2	after
Holidays: 12 days		6	days		
Wages:					
Foremen	100/-		No pro	vision	
Forewomen	50/-		,,	11	
Charge hands (male)	90/-		,,	,,	
", " (female			**	,,	
Males—Grade I	. 80/-		60/-		
Males—Grade II	. 70/-		55/-		
Males—Grade III	. —				
Females—Grade I					
Females—Grade II	· 35/ -		28/6		
1	UNIOR	LABO	UR		
J		Talac		Eamal	00

		JUNIOR	LABOUR		
		1	Males	$F\epsilon$	emales
		New	Existing	New	Existing
14 years	 	14/-	11/6	14/-	11/-
15 years	 	16/-	15/-	15/-	13/-
16 years	 	20/-	19/-	18/-	15/6
17 years	 	30/-	22/6	21/-	18/-
18 years	 	40/-	27/-	24/-	20/-
19 years	 	50/-	31/6	27/-	22/6
20 years	 • • •	60/-	36/6	30/-	25/-

OTHER PROPOSALS

A. Restriction of junior labour to one to four adults.

B. Females on work normally done by men-male wages rates.

C. All "filling" by females restricted to "running lines" 24 and over, in separate departments.

D. All "junior labour" considered as "improvers" and to work in association with adults—at least one

adult in every department.

E. Compensation to all workers discharged through reorganisation—equal to two weeks' wages for each complete year of service.

Inquests

An inquest was held in Liverpool, on September 3, on the body of Albert Henry Crosby, organ tuner, who died in the Royal Infirmary from phenylcinchoninic acid poisoning. Dr. T. B. Davie, senior lecturer in pathology at Liverpool University, who made a post-mortem examination, said he found an acute condition of jaundice and shrinkage of the liver. He submitted certain organs to Professor W. H. Roberts, city analyst, who made a report. Dr. Stuart McAusland said he had been giving the drug for the past five years, and had had no casualties. He gave it in accordance with the recommended dosage, and had no reason to think Crosby would have an idiosyncrasy. Dr. F. W. Crossley-Holland, called by Mr. F. E. Pritchard, said the cachets had been on the market since 1929, and 529,378 had been sold. There was no record of any ill effects. In his opinion, death in the present case was due to an idiosyncrasy. In his in the present case was due to an idiosyncrasy. In his summary, the coroner said: "A doctor friend of mine took I gr. of quinine and was almost at death's door. It was purely an idiosyncrasy." The jury returned a verdict of "Death from misadventure."

The Cardiff coroner held an inquiry, on September 3, 4 and 5, regarding the death of Godfrey W. Haken, clerk, who died after suffering from diabetes. An important feature of the case was the evidence of Henry J. Trimnell, herbalist, Rhiwbina, who described himself as a homoepathic herbalist. The witness said it was within his knowledge that cases of diabetes had been cured by homoeopathic treatment. Homoeopaths did not believe in the use of insulin. In Haken's case he cut the insulin down from 35 to 20 units a day, and in substitution supplied an appropriate homeopathic diet remedy. Trimnell was questioned regarding a statement to the effect that a Harley Street specialist had told him that his treatment was very good. "I went into prayer and meditation and received a message," said Trimnell. The Coroner: Are you able to tell the jury that you got into touch with the Harley Street doctor in a trance?—By prayer and meditation. For over twenty years I have had these religious experiences. Trimnell produced a "pathometer" and demonstrated how it was worked.

The instrument was described as a wireless circuit on the lines of a short wave wireless set. He placed a specimen piece of paper supposed to contain saliva in a well, and said that by rubbing the hand on the front piece and setting certain dials, it was possible to secure the vibration of the patient, amplified 30,000 times. He said the machine was an improvement on what was known as Dr. Abrams' box. Mr. Stanley Dixon, public analyst for Cardiff, said that he was definitely of the opinion that Trimnell could not obtain evidence of the presence, or otherwise, of sugar in Haken's body by means of the tests he described on the pathometer. Dr. J. Gough, Lecturer in Pathology at the Welsh National School of Lecturer in Pathology at the Welsh National School of Medicine, who conducted a post-mortem examination, said he found no trace of the diseases which Trimnell said his pathometer registered. The jury returned a verdict of "Death from natural causes." "In our opinion," said the foreman. "Trimnell discharged his duty but only up to a point. He was negligent, but not wilfully, and although such negligence as he showed accelerated death, it did not amount to gross negligence."

Birmingham

The annual reports of the Birmingham Branch of the National Pharmaceutical Union, Birmingham and District Branch of the Pharmaceutical Society, and Birmingham Pharmaceutical Association have just been issued. The annual meetings will be held at the Imperial Hotel, Temple Street, on September 10, at 8.30 p.m., 9 p.m., and 9.30 p.m., respectively.

Blackwell, Hayes & Co., Ltd., manutacturing chemists, Moor Street, have issued a new drug list for medical This list has some novel and useful features. For example, doses are included alongside the price columns, The list also and a long series of formulas is given. includes synonyms and trade names, D.D.A. requirements, table of incompatibilities, emulsion ratios and much other information.

Liverpool and District

At a meeting of the Birkenhead Chamber of Commerce on September 3, it was stated that eight of the nine organised traders' sections in the town had approved of the proposal to change the early closing day from Thursday to Wednesday. The only section opposed to the change was the chemists, who did so because the doctors had their half-day holiday on Thursdays. At a meeting held in the town the resolution to alter the day had been carried by 47 votes to 43. After some discussion, the matter was deferred for a month.

An interesting presentation was made at the offices of Lamb & Watt, Ltd., Liverpool, on August 31, to Mr. John Mullock, director and secretary, who retired from active participation in the business after fifty-three years' service. Mr. George Gordon Watt (managing director), in making the presentation, on behalf of the company and staff, of an armchair and electric clock suitably inscribed, referred to Mr. Mullock's long period of faithful service and expressed the hope that he would be spared for many years to enjoy the peace and contentment of a well-earned retirement.

Miscellaneous

Poison-licence application.—Mr. F. R. Stanger, St. Mary Cray, has applied to the Kent County Council for a licence to sell agricultural and horticultural poisons.

CARNIVAL AWARD.—At a hospital carnival held at Andover on August 20, the first prize in the class for horse-drawn trade vehicles was awarded to Timothy Whites (1928), Ltd.

IN THE COURTS.—At Chichester, on August 28, John Collins, Frederick Walton and James Coil were convicted of doing wilful damage to a weighing machine, the property of Mr. H. Schofield, Ph.C., Selsey. Payment of the cost of the repairs, £13, was ordered, and each man was fined 10s.

Dangerous Drugs Acts.—At Leeds Police Court, on September 5, Mr. Joseph Williams, chemist and druggist, Beckett Street, was fined £5, with costs, for not

keeping "dangerous" drugs in a locked receptacle. Mr. A. Conway, defending, urged that it was his client's invariable practice to carry the key in his pocket, but on this occasion it had been left by mistake.

CHEMISTS' DENTAL SOCIETY.—The twenty-fourth annual general meeting of the Chemists' Dental Society will be held on September 26 at the New Horticultural Hall, Westminster, London, S.W.I, at 4.30 p.m. Members are requested to note that the day has been changed at the request of the president (Mr. C. C. Greensmith), who will initiate a discussion on "The Revision of the Scale of Fees for Insurance Dental Treatment."

Irish Notes

Brevities

The wholesale drug houses of Belfast closed on September 1, the occasion of the International Motor Race over the Ards Circuit.

Mr. Michael Fortune, M.P.S.I., Adamstown, co. Wexford, who carries on a general business there, was awarded the first prize for the best two-year-old filly calculated to make a first-class hunter at the recent Co. Wexford Show held at Enniscorthy, and also, last week, was announced as the winner of the first prize in the Wheat Prize Scheme for co. Wexford, with 95 per cent. of marks for his crop.

We are requested to state that the Nyal Co., Ltd., of Dublin, is not involved in any way in the voluntary liquidation of the Nyal Co., Ltd., reported in The Chemist and Druggist of August 25 (p. 258). The Irish company is an entirely independent one, controlled by Irish capital and personnel, and is manufacturing and distributing to agents the original Nyal preparations of the Nyal Company of Detroit. Irish Nyal agents can rest assured of continuous supplies.

The drug trade is represented on the Council and standing committees of the Belfast Chamber of Commerce, 1934-35, a list of which has just been issued. Mr. Samuel Gibson, J.P., represents the Chemists' and Druggists' Society of Ireland, while Mr. George Wilson is chairman of the Wholesale Druggists' Section, and is also its representative on the Council and a member of the Trade and Tariff Committee. Mr. Gibson is a member of the Postal Telephone and Telegraph Committee. Sir Thomas McMullan and Mr. J. R. Haslett have been elected members of the Council. The former has been allotted to the Commercial Education Committee, and the latter has been appointed chairman and convener of the Traffic Committee.

Scottish Notes

Brevities

Mr. E. A. Rogers has succeeded Mr. S. A. Nunn as representative for Scotland for The Dubarry Perfumery Co., Ltd.

The annual meeting of the British Association opened at Aberdeen on September 5. An abstract of the presidential address, "The New World-Picture of Modern Physics," delivered by Sir James H. Jeans, will be found on pp. 312-14.

An outbreak of fire occurred, on August 31, in a distilling plant at Provan Chemical Works, belonging to Glasgow Corporation. The outbreak involved only a comparatively small area of the works.

An evening course of instruction in biochemical analysis will be given in the School of Pharmacy of the Royal Technical College, Glasgow, during the winter session, beginning on September 25. The course will cover the syllabus of the examination for the diploma in biochemical analysis of the Pharmaceutical Society.

Topical Reflections

By Xrayser

An Authoritative Interpretation

of the word "closing," as applied to shops under the Shops Acts (C. & D., September I, p. 289), is evidently not easy to arrive at; and yet to the man in the street the matter seems a simple one. I agree with the Lord Justice General in his commonsense judgment, which will be agreed with by most pharmacists. What is usually meant by "closing" is that the shop is open for those articles which may be supplied by the chemist after hours, and whether the door is fastened, or closed so that anyone outside can open it, is beside the question. Customs differ. I know pharmacies where on early closing days, or after 8 p.m., the door is open and the lights are burning. At first sight these are open shops, and yet nothing but legitimate goods is sold. There are other shops where the lights are on but the door blind is down and the door is closed. In some towns there is a rota for N.H.I. duty, and very often in such cases the shop of the chemist on duty is fully open; it is necessary in the circumstances that it should be. Chemists, as a class, are careful not to abuse the privileges granted to them.

My Experience

has been the same as that of the writer of the letter on "All the leading chemists" (p. 299). I have known customers to become quite indignant when I have told them that I had no stock of some new or unknown proprietary. "But," they have said, "it says here that it is stocked by all chemists." I was usually successful in satisfying the applicant and getting the article specially to order, but the impression often left on his or her mind was that I was not a "good" or "leading" chemist. The custom, however, of making

such statements is dying. How can it be otherwise when new proprietaries are making their appearance daily—or even several in one day? Dozens of proprietaries, probably hundreds, are never stocked and are only obtained when ordered; the quick-delivery methods of the sundries houses foster such a practice. The labelling of toilet goods and perfumes with the expression "—— et Cie, Londres et Paris" is a relic of the days when the greater part of the output of these goods came from across the Channel and was distinguished by the daintiness and charm of its get-up, as well as by the quality of the preparations themselves. There is now no necessity to buy such goods abroad.

Old Pharmacies,

such as the one illustrated and described on p. 279, are disappearing quickly. I must confess to having little love or respect for the new ones of the chromium-plated type which are so rapidly coming into fashion, so far as the outsides are concerned; I believe they are usually planned inside for efficiency in serving and dispensing. I was apprenticed in a pharmacy beautifully fitted in Spanish mahogany; I served as an assistant in an historic pharmacy where the fittings must have cost hundreds of pounds, even in those far-off days when \$f100 went a long way. There was a dignity and solidity about the old pharmacies of this type that inspired confidence, and produced a feeling in the mind of the customer that nothing that was not of the best was sold there. I am very interested to read that the carboys of coloured water in the windows of the shop mentioned had not been renewed for eighty years. I can well believe it. When chemicals are used for colours, instead of aniline dyes, the solutions are brilliant and permanent, particularly if distilled water is used.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office

Woolldridge (Chemists), Ltd. (P.C.).—Capital floo. Objects: To carry on the business of pharmaceutical and analytical chemists, druggists, etc. R.O.: 26 Budge Row, Cannon Street, E.C.4.

Kent Chemicals, Ltd. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, etc. Solicitor: John B. de Fonblanque, 3 and 4 Lincoln's Inn Fields, W.C.2.

CAIRN OIL & CHEMICAL COMPANY, LTD. (P.C.).—Registered in Edinburgh. Capital £100. Objects: To carry on the business of chemists, oil and colourmen, etc. R.O.: 19 St. Vincent Place, Glasgow, C.1.

Hurn (Chemists), Ltd. (P.C.).—Capital £1,000. Objects: To acquire the business of chemists and druggists, etc., heretofore carried on at 97 Trinity Street and 143A Unthank Road, Norwich, as "H. Hurn."

J. Bailey (Chemists), Ltd. (P.C.).—Capital £500. Objects: To acquire the business of a chemist and optician now carried on by John Bailey, M.P.S., at 255/257 Katherine Street, Ashton-under-Lyne, as "J. Bailey."

NICALL PRODUCTS, LTD. (P.C.).—Capital £300. Objects: To carry on the business of manufacturers of and dealers in chemicals, drugs, proprietary articles, etc. Solicitors: Bulcraig and Davis, Amberley House, Norfolk Street, W.C.2.

Maud Richardson, Ltd. (P.C.).—Capital £2,000. Objects: To carry on the business of manufacturers of and dealers in powders, beauty preparations, hair and other dyes, soaps, salves, etc. Chas. R. Kettlewell, The White House, Petts Wood, Kent, director.

Kelvin Chemical Company, Ltd. (P.C.).—Registered in Edinburgh. Capital £500. Objects: To carry on the business of manufacturers of and dealers in adhesives and chemicals and all materials and apparatus connected therewith, etc. R.O.: 463 Argyle Street, Glasgow, C.2.

Sanitary Dry Lime Co. (Liverpool), Ltd. (P.C.).—Capital £500. Objects: To acquire the business of a manufacturer of chemicals and disinfectants, carried on by John Jenkins at 50 Brasenose Road, Bootle, Liverpool, as The Sanitary Dry Lime Co. R.O.: 19 South John Street, Liverpool, 1.

SOUTHALL BROS. & BARCLAY, LTD.—The directors announce an interim dividend of 10 per cent. on the ordinary shares, payable October 2. A year ago the interim dividend was 5 per cent.

Companies that may be dissolved.—Notice has been given in "The London Gazette" that the names of the under-mentioned companies will be struck off the register three months after September 4 and the companies dissolved unless cause is shown to the contrary:—Greenbank Pharmacy, Ltd.; "Helia" Chemical Manufacturing Co., Ltd.; Littleover Pharmacy, Ltd.

Ascotts Pharmacies (1933), Ltd.—The first annual report for the period to June 30, 1934, shows a net trading profit of £9,005. After providing for directors' fees, depreciation, and amortisation of leases, there remains £5,461 (subject to balance of income tax). Out of this have been provided dividends on the 7 per cent. cumulative preference shares to June 30, 1934, amounting (before deducting tax) to £3,762. The directors propose to write down preliminary expenses by £500 and to carry forward £1,198, subject to balance of income tax for the period. All the shops mentioned in the prospectus have been duly acquired, except two. Three additional shops have been acquired, bringing the present total to head office and 58 branches.

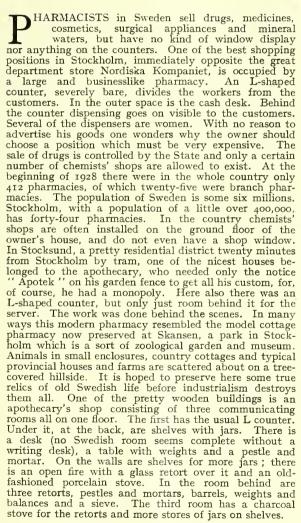
Stock Exchange Prices

Stock	Exchange	Prices		
£1 Shares unless other	wise stated	Dec. 29,	July 31,	1934
Allen & Hanburys, 7% I	Prefd. Ord	s. d. 25 o	s. d. 27 6	s. d. 26 6
Amalg, Dental Co., 8% I	Prefd. Ord	22 9 11 6	2I 6 9 3	20 6 9 0
Ayrton, Saunders & Co.,	7½% Pret	11 3	16 6	16 6
Beechams Pills, Deferred Benger's Food, Ord	1 5s. shares	42 0	19 0 42 0	18 9 42 0
Benzol & By Products cu	m. part. Pref.	2 6	2 9 40 6	2 6 43 0
Berger (Lewis) & Sons, (Blundell Spence & Co.		14 3	i8 9	19 0
Boake (A.), Roberts & C Boots Pure Drug, Ord. 5	s. shares	16 9 39 6	2I 3 45 0	21 3 46 0
Boots Pure Drug, 7% "A Boots Cash Chemists(S.),	" Prefd. Ord.	29 9	30 0 27 9	29 9 27 6
borax Consolu., Dia. Or	d	12 3	12 6	12 0
Bovril, 6% Pref		27 3 26 3	25 9 27 3	25 9 27 6
,, Defd British Cyanides, Ord., 2	s. shares	26 3 27 6 3 0	17 0 2 10 1	17 9 3 1½
British Drug Houses, Th	ie, Ord	22 3	20 6	20 6
British Glues & Chemica British Oil and Cake Mill	is, 4s. Ord	3 9 42 0	3 6 39 6	4I 3
British Oxygen, Ord British Photo. Indus., 69		47 3	68 6 3 9	71 9 3 9
Burt, Boulton & Haywo	od, Ord	15 3	20 0	21 3
Bush (W. J.), & Co., 5% Callard, Stewart & Watt	Pref. £5	7 0	105 0 6 3	106 3 6 0
Chance & Hunt.4% ist N	Iort.Deb.f100	£85	—	
Cooper, McDougall & Ro Crosfield (Joseph) & Sor	1s, 6 % Pref.	30 0 27 0	29 6	30 0
Dubarry Perfumery, Or	d. 18 % Pref	3 6	5 0	5 0 22 9
Eastman Kodak Com. (n	o nom. value)	\$79	\$97	\$ 98
	6s. 8d. shares	1.9	3 6	3 3
Field (J. C. & J.), Ord.	m. part. Pref.	4 4± 27 3	5 0	5 0 22 6
Galloway (P. H.), Ord.	2S	3 0	3 6	3 4½ 26 0
Genatosan, Ltd., 18,	Cum. Pref	25 6 5 4 1	5 41	$5 7\frac{1}{2}$
Gossage (William), 61% Grout & Co., Ord	Pret	28 6	28 6 16 3	29 O 18 O
Hodders, Ord. 1s		0 10	0 9	0 72
Ilford, Ltd., Ord 6% Pref.		26 3 26 0	27 6 23 9	25 0
Imperial Chemical, 7%	Pref	30 1		33 3 37 0
Defe	d. 10s	9 0	8 41	
Intern. Sponge Importe Kent (G. B.) & Sons, 5	18, 6% Fiel	6 3	3 0	3 0
Kent (G. B.) & Sons, 5: Knight (John), 25% Pr Laporte (B.) & Co., Ltd	efd. Ord	96 3	90 0 87 6	89 0 1 87 6
Lever Bros., Ltd., 7%	Pref	28 I	30 0	30 6
Laporte (B.) & Co., Ltc. Lever Bros., Ltd., 7%	Prfd. Ord. £1	63 0	67 6	69 0
Lewis & Bullows, Old.	Drof	27 6	29 9	29 9 21 9
Liebig's Ext. of Meat,	Ord. £5	£114	21 9 £10 ⁷ / ₈ 2 0	£11 2 0
Liebig's Ext. of Meat, 6 Mellin's Food, 6% Pref Nathan (Joseph) & Co. Pears (A. & F.), 5% De	, 7% Pref	19 3	21 0	20 6
Pears (A. & F.), 5% De	% Preid. Ord.	5 3 £104	9 0 £109	9 9 £109
Phosferine (Ashton & cum. partic. Ord	Parsons), 8%	21 0	23 0	23 0
Reckitt & Sons, Ord		105 0	105 0	108 6
Salt Union, Ord Sangers, Ord. 5s		38 9 17 0	38 6 19 0	37 3 19 6
"Sanitas," The, Co., o	% Pref	3I 3 3I 6	32 0 30 0	32 6 30 0
Sanitas Trust, 10% par Smith (Stephen) & Co.,	Ord. 5s	10 9	10 6	12 0
Stevenson & Howell, 6	% Cum. Pref.	63 0 25 0	67 0	65 9 24 6
Taylors Cash Chemists Taylors (Cash Chemist	(Lon.), is.Deid.	09	0 6	0 71
rayiors (Cash Chemist	Ord.	9 0	8 6	7 6
United Glass Bottle	rs. Defd. Man., 6% Mt.	0 9	0 7	
Deb. Stk., £100 Veno Drug Co., 8% Pr	ef	£106	£105 25 0	£105 25 6
Virol. Ltd., Ord.		28 9	26 3	26 3
,, 7% Pref White (A. J.), Ltd., Or	d. tos	17 6	18 6	25 0 19 9
White (Timothy), 71%	, Preid. Ord	27 3	28 3	28 0
Wright, Layman & U	Jmney (1932)	,		
7% cum. Pref Yorkshire Indigo & C			1	25 0
Ord		0 9	0 9	0 9

Pharmacy—

—in Sweden

Notes on the craft as practised in this interesting country



State Control of Pharmacy

When an opening for a pharmacy occurs in Sweden a personal concession is granted by the Government to the best qualified among the applicants. The pharmacist is obliged to retire when he is seventy and receives a pension of 6,000 kronor (say £300) a year. Sometimes the holder of the concession is allowed to "farm" his rights, but in that case the amount paid is fixed by the



medical board. Pupils at a pharmacy must have matriculated. After two years' practical work they must go for six months' theoretical work to the Pharmaceutical Institute in Stockholm, where they may pass the examination making them Bachelors of Pharmacy. This entitles the holder to sell poisons and make up medical prescriptions. They must then do one more year's practice at a pharmacy and two or two and a half years' study at a college, after which they may take the examination for apothecary. Women may enter the profession, and a woman was granted dispensing privileges in 1928. The sale of medicines is reserved to pharmacists and that of virulent poisons is generally restricted to apothecaries. The regulations are contained in an Act passed in 1906. The pharmacies are very strictly controlled. Their prices are fixed in a list published once a year by the Medical Board, which also supervises the whole system, the first county medical officer being obliged to visit the pharmacies at least once a year or else appoint a deputy to do so. It should be added that the Medical Board has a dispensary bureau at the head of which is an apothecary.

The only pharmaceutical advertising I came across in Sweden was a list on the back of the envelope in which my prescription was returned of all the things the apothecary kept. The four triangles of the envelope back were devoted to separate departments. The open flap stated that he had a laboratory for the preparation of arsenical and other poisons. The left-hand triangle had everything needed for the sick room, including cosmetics. Upside-down, on the lower triangle, was the technical department with all kinds of surgical instruments, to which are added manicure necessities and perfumes. The last corner was devoted to mineral waters.—A. B. (6/3).

International Society of Medical Hydrology

HE annual meeting of the International Society of Medical Hydrology is always an occasion of wide interest, for it brings together medical men of many nationalities in discussions upon medicinal waters in use at the various spas and the treatments to which they are applicable. Usually the meetings are held in one of the countries renowned for its many spas; but on this occasion the meeting was in Switzerland, at Zürich, Davos and St. Moritz, with special reference to the climatology of that country and its bearing on the subject as observed in other countries.

ject as observed in other countries.

Professor Dr. P. Besse of Geneva, in a lantern lecture, gave an account of the "Swiss Health Resorts," from which it was learned that their larger growth is of only recent development. This was especially striking in the case of Davos and St. Moritz. Members were entertained by the City Council of Zürich and the Town Council of Davos at banquets. The excursion from Davos by funicular to Parsenn, at an altitude of over 8,000 feet,

provided a thrilling diversion.

Towards a Scientific Basis

One of the most satisfactory features of the present discussions is the evidence of the strenuous efforts being made to place various hydrological phenomena on a sound scientific basis. This was evident especially in papers by Dr. J. B. Burt of Buxton, Dr. A. Reichart of Czechoslovakia and others on the "Thermal Bath Reaction." This finds expression in a slight and transitory worsening of the symptoms on account of which the treatment is being taken. This is the response of the organism to the irritant or stimulus, and in that fact lies its curative action and that of the baths.

Professor Dr. A. Loewy of Switzerland and Professor P. Dodel of Clermont Ferrand described the chemical changes which occur in the blood on rising to even moderate altitudes. The former stated that a diminution of potassium and an increase of calcium are changes which become still greater the greater the altitude. In addition to these quantitative alterations, new substances in the blood make their appearance at higher altitudes, namely, the hæmopoietines. The mode of action of the oxygen shortage at high mountain climates on the organism is partly by means of the endocrine system, certainly through the suprarenal capsules and probably also the thyroid. Sudden ascents are apt to produce subjective disturbances (singing in the ears, vertigo, etc.), but these pass off in the space of from twenty to thirty days; there are some cardiac patients who show

improvement, but they must rest absolutely during a period of acclimatisation. A stay at high altitudes is a valuable accessory in the treatment of anæmia.

Peloids

The third scientific discussion had reference to a subject which received notice in a leading article in The Chemist and Druggist of November 11, "Peloids," opened by the chairman of the International Standard Measurements Committee, Dr. S. Judd Lewis. The proposals there discussed were unanimously adopted by the Society, so we have now permanently in our language and in the languages of other countries the word "peloid" as a generic term descriptive of all muds, peats, boues, fangi, schlämme, etc. The classification as briefly set out in the C. & D. has been adopted, but in greater elaboration. This may be exemplified by the enlargement of Group II as follows:—

Alluvial and marine peloids, mainly mineral, especially such as those deposited on the banks or beds of rivers or lakes, or on the seashore; the organic matter is substantial and chiefly of the thallophyte type. Of these there are four divisions: (a) those in which the thallophytes are largely algal and native to many inland waters (limons); (b) those where the thallophytes are largely algal and such as are native to sea water (marine muds, etc.), e.g., limons d'Odessa; (c) those where the thallophytes are largely diatomaccous, e.g., the Gyttia of Scandinavia; (d) those which are characterised by certain bacterial, e.g., Beggiatoa in thermal sulphur springs. Certain peloids include small proportions of animal matter.

This gives some idea of the systematic manner in which the Society is dealing with the subject. The last Group, now Group X (instead of Group VII as proposed in November), provides a place for "artificial" or "factitious" preparations of peloid character, made by mixing some finely divided mineral and/or some vegetable matter with a water which may or may not be from a thermal source. Such preparations may be described as "artificial peloids" or "factitious peloids." This Group is of interest to the pharmacist, as it finds a place for properly devised laboratory preparations.

properly devised laboratory preparations.

The definition of a peloid adopted by the meeting is:

"A peloid is any naturally produced medium consisting of a uniform mixture of finely divided organic and/or inorganic solid matter and water, such as is applicable in medical practice as a cataplasm for external treatment."

It is therefore unjustifiable to apply the expression "peloid" to any artificial mixture without the qualify-

ing adjective.

The Retention Fee

By "Scipio Africanus"

HE laboured piece of special pleading by which Mr. Hugh N. Linstead, in his letter (C. & D., August 25, p. 257), tries to excuse the altogether inexcusable raid upon the pockets of overseas pharmacists in the interests of Bloomsbury Square is, I should imagine, calculated to defeat its own object, and I shall be surprised if it does not do so very effectively. Mr. Linstead, after giving us many plausible assurances of the affection of the Pharmaceutical Society of Great Britain for its sons and daughters overseas, and after telling us that "There is an Act of Parliament which requires (my italics) everyone who desires his name to stay on the Register to pay a fee," conveniently forgets that this very Act of Parliament contains a provision in Section I (3) which was intended to obviate the demand he and his Council are making upon friendly Colonials. If there

was much sincerity in Mr. Linstead's professions of a desire to maintain the friendship hitherto existing between Bloomsbury Square and its overseas children, to tax the latter in this fashion would seem to be the worst possible method of showing that sincerity. It rather recalls the methods by which England lost her American Colonies in the eighteenth century.

The real motive underlying the retention fee demand is only too plainly shown in Mr. Linstead's reference to "The Pharmaceutical Journal," a copy of which, according to the by-laws, "must be sent to every member." Personally I have no use for the Journal, and I have been interested to observe that not a few English pharmacists estimate it at the same value to themselves. Very few of us are interested in the abstruse medical and scientific lore with which a good part of it is filled; and we are not in need of the new "trading" side which the Journal is trying to develop. If, as is now stated, it costs so much, why should we

who do not want it be obliged to pay for the upkeep The Council can easily alter the by-law so as to remove the compulsion to supply the Journal except

to pharmacists who are prepared to pay for it.

There is one other point upon which I should like to make a remark. Mr. Linstead says that failure to pay the £1 11s. 6d. "does not involve loss of qualification." But it does involve loss of the legal qualification necessary to carry on one's business in this country—and is calculated to have the same effect in the Colonies if English pharmacists overseas are not to be allowed to call themselves such so long as they fail to pay the annual tax. And this is a tax for life. But, says Mr. Linstead, your name can be restored "at any time." True—on payment of a "fine." At present the fine is £1 is. What is to prevent a substantial increase of the fine if the growing loss on the Journal or some other commercial adventure of the Society continues?

By "Country Chemist"

THE letter from Mr. Linstead, as secretary to the Pharmaceutical Society, in "The African Chemist and Druggist" (C. & D., August 25, p. 257) on this subject is remarkable for what he says as well as for what he does not say. Throughout the letter there is the implication of blind adherence to the policy of the Council of the Pharmaceutical Society, as against the rights of those examined men who, unless they pay the retention fee, are disenfranchised; perhaps that is no great hardship, but what is more serious is that their right to use their qualification is taken from them.

Mr. Linstead states that reciprocity in the matter of qualification with South Africa is now possible, but only on the basis of membership of the Society. On his own showing there are hundreds of qualified men, holding either our Minor or Major certificate, who will be unable to use the titles to which their examinations once entitled them. In effect he says: "We have taken from you a fee for examining you; we have given you diplomas certifying that you have satisfied the examiners as to your fitness to be called, and practise as, chemists and druggists; but that right is now taken away, and unless you, in the future, do something in addition, a something that was not necessary in the past, we shall deprive you of your rights to call yourselves what we once said you could call yourselves." The pharmacist is deprived of his right to practise, not because of any moral lapses on his part, but because he declines to pay a fee.

Mr. Linstead falls back upon an Act of Parliament; but an Act of Parliament is not necessarily right; it may not even be legal, and it may yet be necessary to question the legality of the new Act so far as compulsory registration is concerned. I am not a lawyer, but I understand that an Act of Parliament cannot break a contract; it requires the consent of both parties to do this. The Society entered into a contract with every examined man—examined before the passing of the present Act, that is to say-that he should enjoy the right to call himself a chemist and druggist, pharmacist, pharmaceutical chemist, etc. There was no question of any future legislation: no conditions were laid down. That contract is now broken by one of the parties, which

has introduced a fresh term into it.

The strange part of the matter is that a way out is suggested in the Act, Section 1 (3). This reads:— 'Different retention fees may be prescribed under this Section as regards different classes of members of the Society, and provision may be made by by-laws for exempting any class of the said members from liability to pay a retention fee." (The italics are mine.) In the light of this Section, let us read paragraph 5 of Mr. Linstead's letter and after that the last paragraph of the same. Knowing that the above-quoted subsection, 1 (3), was inserted in the Act for just such cases as overseas pharmacists and others, on this side of the water, who may never wish to become "authorised sellers of poisons," he calmly sums up by saying that the conditions of membership under the new Act should approximate as closely as possible to the conditions of member-ship under the old Act, i.e., one fee for all. His almost

callous indifference to the undoubted legal rights of the thousands of pharmacists who are not members of the Society, but who might become members if they were fairly treated, suggests that he is not going the right way to encourage that spirit of pharmaceutical unity he speaks about in the first part of his letter.

"C. & D." Retail Price List

The index figure for drugs and chemicals fell 2.3 points during August, due largely to the fall in the price of iodine, although other drugs played a small part. The figure for August is 141.2, as against 143.5 in July and 149.2 for the corresponding month in 1933. There was again no change in the cost price of surgical dressings, the index figure remaining at 136.0, as against 136.5 in 1933. The necessary changes in dispensing and selling prices are set out below: -

С	ost			Selling	Price	
d.	per		16 oz. s. d.	4 oz. s. d.	1 oz. s. d.	1 dr. s. d.
18	oz.	Ammon. iodidum			2 8	0 5
43	lb.	Anthemidis flores exot	6 0	1 9	0 6	0 1
54	lb.	Anthemidis florum exot.				•
		pulv	_ '	2 0	0 7	0 1
39	lb.	Anthemidis flores exot.			-	
		sec	5 0	1 5	0 5	_
23	oz.	Barbitonum B	_	_	3 5	0 6
24	oz.	Barbitonum solubile B	_		3 6	0 6
27	oz.	Cadmii iodidum	_		4 0	0 7
20	oz.	Calcii iodidum		_ :	3 0	0 6
18	oz.	Ferri iodidum	_ (2 8	0 5
13	oz.	Iodoformum	- 1	_	2 0	0 4
10	oz.	Iodum resubl	_		1 6	0 3
78	lb.	Liq. iodi. fortis	_ 1	2 9	0 9	0 2
60	lb.	Liq. iodi. mitis	7 6	2 2	0 7	0 1
102	lb.	Liq. iodi. simp		3 9	1 0	_
22	oz.	Lithii iodidum	_	_	3 3	0 6
66	lb.	Parogenum iodi B.P.C	_ /	2 5	0 8	0 2
14	oz.	Pasta bismuthi et iodo-				0 2
		formi	_	_	2 0	0 4
93	lb.	Potassii iodidum	_	3 4	0 11	0 2
11	oz.	Sodii iodidum	_		1 8	0 2
20	oz.	Strontii iodidum	and the same		3 0	0 6
18	lb.	Syr. ferri iodidi		0 10	0 3	_
33	lb.	Ung. iodi		1 3	0 5	0 1
32	lb.	Ung. iodi denigrescens	_	1 2	0 4	
26	lb.	Ung. iodi denigresc.			, .	
		N.H.I.	_	1 0	0 4	_
24	oz.	Zinci iodidum			3 6	0 6
- '	J					

STUMPY GOES TO THE CHEMIST'S.—Stumpy, the dog hero of "The Furry Films," a pictorial serial which has been a feature of "The Evening News" for some years, was in a recent issue (August 15) engaged, with another dog, in taking a snapshot. The picture duly taken, Stumpy told his companion: "We must go to the chemist's as fast as we can to get it developed." So gifted an animal was naturally aware of the best place for D. and P. work.

Powdered orris as an irritant.—Writing to "The Manchester Guardian" on the tendency of powdered orris to cause sneezing, and even nasal catarrli, Mr. William Kirby, M.Sc., Ph.C., adds the interesting remark: "When hair powder was in use in the eighteenth century it frequently contained orris root as an ingredient, and the coiffeur was always careful to provide his client with a paper cone to protect the face —the eyes and nose particularly—from the irritating effect of the powder." TABLETS

Trade Notes

Daili mouth-wash tablets.—Arthur H. Cox & Co., Ltd., manufacturing chemists, Brighton, have recently introduced Daili mouth-

wash tablets (illustrated herewith). Each bottle is stated to contain one month's supply.

ECLIPSE MANICURE FILES.—We have received from James Neill & Co. (Sheffield), Ltd., Composite Steel Works, Sheffield, a sample of the Eclipse manicure files. These files are made from Sheffield steel, triple cut, hardened and

tempered to ensure long life and flexibility. A novel feature of the file is the "hook" point, specially designed for cleaning the nail. The files are sold on attractive display cards.

GRENOVILLE.—The house of Grenoville, established as perfumers in Paris since 1879, and well known throughout the U.S.A., has just created in this country a company



under the name of Grenoville, Ltd., at 64 Hatton Garden, London, E.C.I. The company's first introduction to this market will consist of the Casanova series—perfume, talcum powder, brilliantine and ozonised face powder. The last-named is illustrated herewith and full particulars of the Casanova series will be found in our advertisement

The Odo-ro-no showcard illustrated herewith has been sent to us by J. C. Gambles & Co., Ltd., 211-215 Blackfriars Road, London, S.E.I. It is the company's intention to send these cards out with orders for



Odo-ro-no, but any chemist wishing to feature the product more strongly than usual will receive a copy on application. Messrs. Gambles announce, elsewhere in this issue, a new Cutex oily polish remover.

H. R. NAPP, LTD., 3 and 4 Clement's Inn, W.C.2, inform us they are offering to manufacturing houses bulk standardised halibut-liver oil, with a guarantee of continuity of supplies.

WE are advised by The Leyland and Birmingham Rubber Co., Ltd., Leyland, that all distribution of Leyland and Pharmal products is done through the wholesalers only, and not direct with retail chemists.

NIC-O-CIN NEW SIZE. - Nic-o-cin, Ltd., Kingsbury House, King Street, London, S.W.1, announce the introduction of an intermediate size of Nic-o-cin, particulars of which will be found in our advertisement pages. The new size is attractively packed, and cartons holding six tins make an effective display.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1934, p. 304.

(From "The Trade Marks Journal," August 22, 1934.)

"ELBON"; for fertilisers (2). By The Bradford Fertilizer Co., Ltd., 25 Sunbridge Road, Bradford. 551,583. (Associated.)

"Schoum"; for medicinal chemicals (3). By Dr. M. L. G. de Lannoïse, 15 Rue la Sablière, Bécon-les-Bruyères, France. 546,708.

"Phenochan"; for preparations for treatment of rheumatism and gout (3). By Pharma G.m.b.H., Flurenstrasse 3, Aussig an der Elbe, Czechoslovakia. 548,559.

**Assro, and def Dele, Cachosovaka. 349,399.

"Aspro, Ltd., Buckingham Avenue, Slough Trading Estate, Bucks. 550,382. (Associated.)

"Madrobon"; for medicinal chemicals (3). By The Hoffmann-La Roche Chemical Works, Ltd., 51 Bowes Road,

Palmers Green, N.13. 550,907.

"EMVIN" under monogram "W T F" ("Emvin" disclaimed); for medicated wines (3). By W. T. Farrow, 47 Lincoln Road, Peterborough. 551,050.

"Cremol Brand" with design of baby (Clifford Shelley) holding bottle and words "Got it"; for medicinal chemicals (3). By S. Shelley, Ltd., 83 Market Place, Bilston. 551,091. (Associated.)

"VERVUS"; for medicinal chemicals (3), excluding mouth lotions, etc., and soap. By Pickups, Ltd., 30-42 Smedley Street, London, S.W.8. 551,191.

Naivita" for laxative medicines (3). By Sun-Health Products Co., 16 Crown Hall Chambers, Crown Street, Ipswich. 551,273. (Associated.)

Laxeenes"; for laxative medicines (3). By R. V. Owen, 113 Maple Road, Penge, London, S.E. 20. 551,499.

Sanalve" and other wording on upright label design; for ointment (3). By S. Matthews & Co., Ltd., 19-21 Farringdon Street, London, E.C.4. 551,817. (Associated.)

"CLARGIL"; for medicinal chemicals (3). By G. A. Clarke, 282 Union Street, Torquay. 552,518.

Eutagen''; for medicinal chemicals (3). By Chemische Fabrik Grünau, Landshoff & Meyer, A.G., 37-44 Köpenickerstrasse, Berlin-Grünau, Germany. 551,857.

"MAPHARSIDE"; for all goods (3). By Parke, Davis & Co., Detroit, Mich., U.S.A. 552,538.

"S.S.S.S." disclaimed); for catamenial pads and bandages, etc. (11). By Miriam Moss, 3 Edgwarebury Gardens, Edgware, Middlesex. 550,989.

Births

Notices for insertion in this column must be properly authenticated.

COWLEY.—At the Burnside Nursing Home, Douglas, on August 30, Dorothy, wife of Ernest W. Cowley, M.P.S., Peel, I.O.M., of a daughter.

DAVIDSON.—At Airdrie Maternity Home, on August 26, the wife of James Davidson, chemist and druggist, Coatbridge, of a daughter.

LAMB.—At Cowdenbeath, on August 29, the wife of A. M. Lamb, chemist and druggist, Auchtermuchty, of a daughter (Elizabeth Marjory).

Marriages

COULTER—GRIFFIN.—At the Wesley Chapel, Patrick Street, Cork, recently, Robert Arthur Stewart Coulter, L.S.P.I., Roscrea, co. Roscommon, to Marjorie Helen Griffin.

HIGGINS—MARTIN.—At St. Cuthbert's Church, Dundee, on September 4, William E. Higgins, London, son of the late Mr. and Mrs. Martin Higgins, London, to Jeanie (Janet) Gray Martin, M.P.S., younger daughter of Mr. and Mrs. H. Boyd Martin, 16 Shamrock Street, Dundee.

Mackenzie—Main.—At St. Martin-in-the-Fields, London, W.C.2, on September 1, by the Rev. H. Livesey, John Douglas Mackenzie, M.P.S., Enfield, son of the late Mr. and Mrs. Donald Mackenzie of Hornsey, to Olive Leila Main, elder daughter of Mr. and Mrs. Fred. G. Main, Winchmore Hill.

Purchase—Cooper.—At All Saints, St. Ives, Ringwood, on September 2, Harvey Spurgeon Purchase, F.R.C.V.S., B.Sc., Livingstone, N. Rhodesia, to Vera Margaret Cooper, daughter of Mr. Francis Cooper, M.P.S. (late of Hornsey), Rowandene, Ashley Heath, Ringwood.

WILSON—BATES.—At Heaton Moor Methodist Church, Stockport, on August 6, John Ernest Hobson Wilson, chemist and druggist, to Hilda Ellen Bates.

Deaths

CORNHILL.—At Walsall, on August 17, Mr. George Frederick Cornhill, chemist and druggist, 85 Stafford Street, aged sixty-eight.

Gray.—At his residence, Struie Brae, Newport, Fifeshire, on September 2, Mr. John Gray, chemist and druggist (Davidson & Gray, Ltd., chemists, 128A Nethergate, Dundee), aged seventy-five. Mr. Gray, who was a native of Morayshire, went to Dundee in 1876 as assistant to the late Mr. Davidson, whose business he eventually acquired. He took no part in public affairs, but was treasurer of St. Enoch's Church, Dundee, for seventeen years. Mr. Gray is survived by three daughters, one of whom, Miss Isobel Gray, is a well-known pianist.

Jenkin.—The funeral of the late Mr. A. H. Jenkin, treasurer of the Pharmaceutical Society, whose death was announced in our issue of September 1 (p. 287), took place at Islington Cemetery, Finchley, on August 29. Among the pharmacists present were Mr. John Keall (president of the Society); Messrs. W. J. Beardsley, C. A. Noble, F. G. Wells (members of the Society's Council); Mr. F. W. Adams (assistant secretary); Dr. C. H. Hampshire, chairman of the British Pharmaceutical Conference, 1932-34; Mr. E. W. Algar, Mr. J. Wichiffe Peck, Mr. F. B. Royal (representing the Guild of Public Pharmacists); Mr. G. Duncan Bowie; Mr. F. Browne; Mr. J. C. Carter; Mr. W. K. Fitch; Mr. H. Lucas; Mr. G. A. Tocher.

Spence.—On August 24, Mr. Howard Spence, The Red House, Shore Road, Ainsdale, chairman of Peter Spence & Sons, Ltd., manufacturing chemists, Manchester, aged sixty.

Wood, chemist and druggist, aged fifty-three. Mr. Wood, who was a native of Cheshire, commenced business at Deganwy about ten years ago. He was a past-president of the Anglesey, North Carnarvonshire and Colwyn Bay Branch of the Pharmaceutical Society. Mr. Wood was elected to the Conway Borough Council in 1926, and was vice-chairman of the Deganwy Tennis and Bowling Club. He leaves a widow.

Personalities

ALDERMAN and MRS. C. A. CRITCHLEY have accepted an invitation to be Blackburn's Mayor and Mayoress for a second year. A portrait and biography of Alderman C. A. Critchley, Ph.C., appeared in the C. & D., 1933, II, 345.

THE staff of The Holman Manufacturing Co., Ltd., Market Street, Exeter, had an outing recently, by invitation of Mr. Philip F. Rowsell, J.P. (governing director),



Left to right: MR. E. APLIN, MR. P. F. ROWSELL.

to Dartmoor. Ladybrook, the residence of Mr. Rowsell, was visited for tea, and afterwards Mr. Edward Aplin was presented with a gold watch in recognition of thirty-five years' service.

Business Changes

Mr. T. R. Milburn, chemist and druggist, Newcastleupon-Tyne, is opening a new branch opposite the Central Railway Station.

MR. S. HALLIDAY, chemist and druggist, has transferred his business to Mr. W. H. Miner's pharmacy, Oxton Road, Birkenhead.

Mr. Thomas Swales, druggists' sundriesman, has removed from 20-24 Butts Court, Leeds, to St. Stephen's Road, Burmantofts, Leeds, 9.

Mr. C. H. Booth, chemist and druggist, has acquired the business of Mr. James Angus, chemist and druggist, 285 Mile End Road, London, E.

Mr. J. Walker, chemist and druggist (Mark Anthony, Ltd.), has opened a large corner pharmacy at 60 St. Leonard's Road, Marton, Blackpool.

MR. R. VALENTINE, chemist and druggist, has acquired the business of Miss Mary Teunion, chemist and druggist, 81 Dunnikier Road, Kirkcaldy. Miss Teunion has taken over a pharmacy in Ecclefechan, Dumfriesshire.



FENNINGS' 50 YEARS' REPUTATION Children's Powders

ADVERTISED EVERYWHERE. READY SALES.
ALFRED FENNINGS, Cowes, I.W.



Lighting bills are lighter with COSMOS LAMPS

When ordering your next consignment of lamps, specify:

LAMPS

TRAFFORD PARK



METROPOLITAN - VICKERS ELECTRIC COMPANY LTD. MANCHESTER 17

90 % S. V.

95 %

Write for Prices

TINCTURES

JAS. BURROUGH LTD. LAMBETH, S.E. 11

OF CAUTION

(Our Registered Trade Mark)

When 'Luminal' is specified on any prescription, the Chemist is legally bound to supply the Original product. Substitutes are liable to give different clinical results from the Original. In order to protect doctors and patients we shall protect our Trade Mark rights by vigorous action.



BAYER PRODUCTS LTD.

AFRICA HOUSE, KINGSWAY, LONDON, W.C.2

PATENTS AND TRADE MA

PROTECTED AT HOME AND ABROAD BOOKLET GRATIS

REGINALD W. BARKER & Co. 56 LUDGATE HILL, LONDON, E.C.4.

Telephone City 5140

TAPERED, PYRAMID, DOMED AND FLANGE CORKS

COMPOSITION AND BAKELITE **STOPPERS**

THE MOST COMPETITIVE MANUFACTURERS IN THIS COUNTRY

MUNDET CORK PRODUCTS, LTD. 12/18 ABBEY ST., TOWER BRIDGE ROAD, S.E.1

Telegrams:
MUNDETCOMP, BERM, LONDON

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

E/49. A.B. for removing ink stains

Stains

B/59. Cresopyrine tablets

R/59. Crestomel diabetes

stains
H/39. Battle-Stafford toilet

remedy

H/39. Battle-Stafford preparations C/39. Bekadol B/49. Biscorye E/59. Buckley's Syrup (agents) T/39. Sychrannine tablets remedy E/49. Multropepsyn powder E/59. Nozzema preparations (agents) C/39. Sychrannine tablets

THE

CHEMIST AND DRUGGIST

VOL. CXXI.

September 8, 1934

NO. 2848

The Slippery Slope

THE announcement, in our issue of August 4 (p. 176), that directions were given by the Council of the Pharmaceutical Society for the restoration to the Register of certain names (we understand that the number is eighty-four) which had been removed from it but whose owners had subsequently paid the retention fee plus the "prescribed penalty" is the first indication of the putting into force of the decision by the Council to remove some 3,400 names of qualified people from the Register because they expressed no desire to contribute £1 11s. 6d. per annum towards the funds of the Pharmaceutical Society. Authority having been given to remove the names, a circular letter was issued on July 13 (we presume to the whole of the 3,400) informing them that their names had been removed "in accordance with the power conferred upon the Council by Section 1 (4) of the Pharmacy and Poisons Act, 1933, and clause 6 of Section 1 of the by-laws." If the recipient desired to apply for his name to be restored to the Register,

"The Act requires your application to be accompanied by the penalty of £1 1s. together with the sum of £1 11s. 6d. the retention fee for the current year."

By way of ensuring a prompt remittance the circular warns the recipient of the circular that he (or she) is—

"not entitled to use any of the titles reserved to registered persons, to act as the superintendent of a corporate body, to enter into contract with an Insurance Committee and generally 'to carry on the business of a chemist and druggist.'"

Unless a much larger accession of remittances of the value of £2 12s. 6d. has arrived since the eighty-four names now restored came in, it would seem that a comparatively small proportion of the doomed 3,400 were "scared stiff" by the official interpretation of their legal position.

A Game of Consequences

Turning to our report of the Council meeting held on July 4, we recall the suggestion that a letter should be sent to each of the 3,400 whose names appeared on the list for removal, as "in consequence of the removal of their names they would no longer be pharmacists, and the Society would bring to their notice that they were not entitled to continue practising as such." We do not know whether any other warning circular was issued to the condemned persons between July 4 and July 13; but if not, we venture to think that the sudden swoop, though cleverly conceived and dramatically carried out, was not quite in accord with the highly professional status into which the Pharmaceutical Society is to

be lifted. To our thinking it was rather reminiscent of company-formation methods when the promoters are feeling an urgent need for financial strength. In the same Council meeting report we note that some 250 persons (among the 3,400?) were "in possession of membership certificates which they would now be no longer entitled to hold." Authority was duly given to institute the proceedings accordingly. We have not heard whether 250 sets of legal proceedings have as yet been commenced: if they have, the Society, when successful, should be able to recover a nice little sum in costs. We should have thought that to trouble people to return these old certificates would have been quite unnecessary, considering the penalties now provided for unlawful user and considering, too, the army of inspectors now in process of being enlisted to see that the provisions of the new Act are carried out. However, the fiat has gone forth, and in future chemists (or whatever they are allowed to call themselves) who do not wish to subscribe to the Pharmaceutical Society's funds must be content to exhibit their examiners' certificates of qualification.

The Civil Service Dominates

Thus the bureaucratisation of the pharmaceutical body goes on apace, and the bright young people who are guiding the destinies of the Society are allowed to go their way unchecked. Nothing can be more certain—and the blindest, surely, will soon be made to realise it to their sorrow—than that the Pharmaceutical Society is being engulfed in the maelstrom of Whitehall. Influences against which the Council would seem to be powerless have already succeeded in placing the business of the chemist and druggist so largely under the domination of the Civil Service that it will be by no means an easy matter to rescue it from the toils in which it has Instead of receiving really become entwined. effective protection from the Society, the chemist who has had to spend long years (and, in many cases, hard-earned savings) in obtaining the right to carry on his business in peace and comfort is to be the hunted object of an army of professional faultfinders: he is to be the slave of countless rules and regulations the study and knowledge of which are to be added to the burden of obtaining his qualification: he is to live in daily fear of being summoned to the police court to answer for a hundred trifling offences committed by himself or by those in his employ: he is to be surrounded by a horde of unqualified "licensed" tradesmen who are to share the already meagre profits of his business. And for all this he is to be compelled to contribute to the enterprises of a Society which is degenerating from the chartered position its founders sought to secure and bequeath into a sub-department of State providing well-paid jobs for an untold number of officials—and incidentally, as we remarked in a previous discussion of the retention fee, into a commercial enterprise. Whether these high-handed demands in connection with the Register are resisted or not—and information of definite resistance has already reached us—the result can only be to intensify the alienation between the governing body of the Society and its members.

The New World-Picture of Modern Physics

Abstract of the British Association Presidential Address, delivered at Aberdeen, on September 5, by Sir James H. Jeans, D.Sc., Sc.D., LL.D., F.R.S.

HE theoretical physicist must admit that his own department looks like nothing so much as a building which has been brought down in ruins by a succession of earthquake shocks. The earthquake shocks were, of course, new facts of observation, and the building fell because it was not built on the solid rock of ascertained fact, but on the ever-shifting sands of conjecture and speculation. Indeed it was little more than a museum of models, which had accumulated because the old-fashioned physicist had a passion for trying to liken the ingredients of Nature to familiar objects such as billiard-balls, jellies and spinning tops. While he believed and proclaimed that Nature had existed and gone her way for countless aeons before man came to spy on her, he assumed that the latest newcomer on the scene, the mind which could never get outside itself and its own sensations, would find things within its limited experience to explain what had existed for all eternity. It was expecting too much of Nature, as the ruin of our building has shown. She is not so accommodating as this to the limitations of the human mind; her truths can only be made comprehensible in the form of parables. parable can remain true throughout its whole range to the facts it is trying to explain. Somewhere or other it must be too wide or too narrow, so that "the truth, the whole truth, and nothing but the truth" is not to be conveyed by parables.

Our minds can only be acquainted with things inside themselves—never with things outside. Thus we can never know the essential nature of anything, such as a centimetre or a wave-length, which exists in that mysterious world outside ourselves to which our minds can never penetrate; but we can know the numerical ratio of two quantities of similar nature, no matter how incomprehensible they may both be individually. For this reason, our knowledge of the external world must always consist of numbers, and our picture of the universe—the synthesis of our knowledge—must necessarily be mathematical in form.

A Misapplied Parable

When the undulatory theory had made it clear that light was of the nature of waves, the scientists of the day elaborated this by saying that light consisted of waves in a rigid, homogeneous ether which filled all space. The whole content of ascertained fact in this description is the one word "wave" in its strictly mathematical sense; all the rest is pictorial detail, introduced to help out the inherited limitations of our minds. Then scientists took the pictorial details of the parable literally, and so fell into error. For instance, light-waves travel in space and time jointly, but by filling space and space alone with ether, the parable seemed to make a clear-cut distinction between space and time. It even suggested that they could be separated out in practice—by performing a Michelson-Morley experiment. Yet, as we all know, the experiment when performed only showed that such a separation is impossible; the space and time of the parable are found not to be true to the facts—they are revealed as mere stage-scenery. Neither is found to exist in its own right, but only as a way of cutting up something more comprehensive—the space-time continuum. Thus we find that space and time cannot be classified as realities of nature, and the generalised theory of relativity shows that the same is true of their product, the space-time continuum. This can be crumpled and twisted and warped as much as we please without becoming one whit less true to nature—which, of course, can only mean that it is not itself part of nature. In this way space and time, and also their space-time product, fall into their

places as mere mental frameworks of our own construction.

Theoretical physics is no longer concerned to study the Newtonian universe which it once believed to exist in its own right in space and time. It merely sets before itself the modest task of reducing to law and order the impressions that the universe makes on our senses. It is not concerned with what lies beyond the gateways of know-ledge, but with what enters through the gateways of knowledge. It is concerned with appearances rather than reality, so that its task resembles that of the cartographer or map-maker rather than that of the geologist or mining engineer. Now the cartographer knows that a map may be drawn in many ways, or, as he would himself say, many kinds of projection are available. Each one has its merits, but it is impossible to find all the merits we might reasonably desire combined in one single map. It is reasonable to demand that each bit of territory should look its proper shape on the map; also that each should look its proper relative size. Yet even these very reasonable requirements cannot usually be satisfied in a single map; the only exception is when the map is to contain only a small part of the whole surface of the globe. When geography cannot combine all the qualities we want in a single map, it provides us with more than one map. Theoretical physics has done the same, providing us with two maps which are commonly known as the particle-picture and the wave-picture. The particlepicture is a materialistic picture which caters for those who wish to see their universe mapped out as matter existing in space and time. The wave-picture is a determinist picture which caters for those who ask the question "What is going to happen next?" It is perhaps better to speak of these two pictures as the particle-parable and the wave-parable.

Particles and Waves

The particle-parable, which was first in the field, told us that the material universe consists of particles existing in space and time. It was created by the labours of chemists and experimental physicists, working on the basis provided by the classical physics. Its time of testing came in 1913, when Bohr tried to find out whether the two particles of the hydrogen atom could possibly produce the highly complicated spectrum of hydrogen by their motion. He found a type of motion which could produce this spectrum down to its minutest details, but the motion was quite inconsistent with the mechanistic determinism of the Newtonian mechanics. The electron did not move continuously through space and time, but jumped, and its jumps were not governed by the laws of mechanics, but to all appearance, as Einstein showed more fully four years later, by the laws of probability. Of 1,000 identical atoms, 100 might make the jump, while the other 900 would not. Before the jumps occurred, there was nothing to show which atoms were going to jump. Thus the particle-picture conspicuously failed to provide an answer to the question "What will happen next?" Bohr's concepts were revolutionary, but it was soon found they were not revolutionary enough, for they failed to explain more complicated spectra, as well as certain other phenomena. Then Heisenberg showed that the hydrogen spectrum—and, as we now believe, all other spectra as well—could be explained by the motion of something which was rather like an electron, but did not move in space and time. Its position was not specified by the usual co-ordinates x, y, z of coordinate geometry, but by the mathematical abstraction known as a matrix. It seemed likely that Heisenberg had unravelled the secret of the structure of matter, and

yet his solution was so far removed from the concepts of ordinary life that another parable had to be invented to make it comprehensible. The wave-parable serves this purpose; it does not describe the universe as a collection of particles but as a system of waves. The universe is no longer a deluge of shot from a battery of machineguns, but a stormy sea with the sea taken away and only the abstract quality of storminess left—or the grin of the Cheshire cat if we can think of a grin as undulatory.

The central feature of the particle-picture is the

atomicity which is found in the structure of matter. But this atomicity is only one expression of a fundamental coarse-grainedness which pervades the whole of nature. It crops up again in the fact that energy can only be transferred by whole quanta. Because of this, the tools with which we study nature are themselves coarse-grained; we have only blunt probes at our disposal, and so can never acquire perfectly precise knowledge of nature. Just as, in astronomy, the grain of our photographic plates prevents our ever fixing the position of a star with absolute precision, so in physics we can never say that an electron is here, at this precise spot, and is moving at just such and such a speed. The best we can do with our blunt probes is to represent the position of the electron by a smear, and its motion by a moving smear which will get more and more blurred as time smear which will get more and more blurred as time progresses. Unless we check the growth of our smear by taking new observations, it will end by spreading through the whole of space. Now the waves of an electron or other piece of matter are simply a picture of just such a smear. When the waves are intense, the smear is black, and conversely. The nature of the smear black, and conversely. The nature of the smear—whether it consists of printer's ink, or, as was at one time thought, of electricity—is of no importance; this is mere pictorial detail. All that is essential is the relative blackness of the smear at different places—a ratio of numbers which measures the relative chance of electrons being at different points of space. Thus we had better put our statement in the form that the electron is not a point-particle, but that if we insist on picturing it as such, then the waves indicate the relative proprieties of picturing it as existing at the different points of space. But propriety relative to what? The answer is—relative to our own knowledge. If we know nothing about an electron except that it exists, all places are equally likely for it, so that its waves are uniformly spread through the whole of space. By experiment after experiment we can restrict the extent of its waves, but we can never reduce them to a point, or indeed below a certain minimum; the coarse-grainedness of our probes prevents that. There is always a finite region of waves left. And the waves which are left depict our knowledge precisely and exactly; we may say that they are waves of knowledge or, perhaps even better still, waves of imperfections of knowledge-of the position of the electron.

The Central Fact

And now we come to the central and most surprising fact of the whole situation. I agree that it is still too early, and the situation is still too obscure, for us fully to assess its importance, but, as I see it, it seems likely to lead to radical changes in our views not only of the universe but even more of ourselves. Let us remember that we are dealing with a system of waves which depict in a graphic form our knowledge of the constituents of the universe. The central fact is this: the wave-parable does not tell us that these waves depict our knowledge of nature, but that they are nature itself. If we ask the new physics to specify an electron for us, it does not give us a mathematic specification of an objective electron, but rather retorts with the question? "How much do you know about the electron in question?" We state all we know, and then comes the surprising reply, "That is the electron." The electron exists only in our minds—what exists beyond, and where, to put the idea of an electron into our minds we do not know.

It may seem strange, and almost too good to be true, that nature should in the last resort consist of something we can really understand; but there is always the simple solution available that the external world is essentially of the same nature as mental ideas. At best this may seem very academic and up in the air—at the

worst it may seem stupid and even obvious. I agree that it would be so, were it not for the one outstanding fact that observation supports the wave-picture of the new physics whole-heartedly and without hesitation. Whenever the particle-picture and the wave-picture have come into conflict, observation has discredited the particle-picture and supported the wave-picture—not merely, be it noted, as a picture of our knowledge of nature, but as a picture of nature itself.

A Train of Waves

A shower of parallel-moving electrons forms in effect an electric current. Let us shoot such a shower of electrons at a thin film of metal, as your own Professor G. P. Thomson did. The particle-parable compares it to a shower of hailstones falling on a crowd of umbrellas; we expect the electrons to get through somehow or anyhow and come out on the other side as a disordered mob. But the wave-parable tells us that the shower of electrons is a train of waves. It must retain its waveformation, not only in passing through the film, but also when it emerges on the other side. And this is what actually happens: it comes out and forms a wave-pattern which can be predicted—completely and perfectly—from its wave-picture before it entered the film.

Next let us shoot our shower of electrons against the barrier formed by an adverse electro-motive force. If the electrons of the shower have a uniform energy of ten volts each, let us throw them against an adverse potential difference of a million volts. According to the particle-parable, it is like throwing a handful of shot up into the air; they will all fall back to earth in time—the conservation of energy will see to that. But the wave-parable again sees our shower of electrons as a train of waves—like a beam of light—and sees the potential barrier as an obstructing layer—like a dirty window pane. The wave-parable tells us that this will check, but not entirely stop, our beam of electrons. It even shows us how to calculate what fraction will get through. And just this fraction, in actual fact, does get through; a certain number of ten-volt electrons surmount the potential barrier of a million volts—as though a few of the shot thrown lightly up from our hands were to surmount the earth's gravitational field and wander off into space. The phenomenon appears to be in flat contradiction to the law of conservation of energy, but we must remember that waves of knowledge are not likely to own allegiance to this law.

A further problem arises out of this experiment. Of the millions of electrons of the original shower, which particular electrons will get through the obstacle? . . . It seems to be nothing more than pure good luck. We know of no way of increasing the chances of individual electrons; each just takes its turn with the rest. It is a concept with which science has been familiar ever since Rutherford and Soddy gave us the law of spontaneous disintegration of radioactive substances—of a million atoms ten broke up every year, and no help we can give to a selected ten would cause fate to select them rather than the ten of her own choosing. It was the same with Bohr's model of the atom; Einstein found that without the caprices of fate it was impossible to explain the ordinary spectrum of a hot body; call on fate, and we at once obtained Planck's formula, which

agrees exactly with observation.

Again we may begin to feel that the new physics is little better than the old—that it has merely replaced one determinism by another. It has; but there is all the difference in the world between the two determinisms. For in the old physics the perceiving mind was a spectator; in the new it is an actor. Nature no longer forms a closed system detached from the perceiving mind; the perceiver and perceived are interacting parts of a single system. The nature depicted by the wave-picture in some way embraces our minds as well as inanimate matter. Things still change slowly as they are compelled, but it no longer seems impossible that part of the compulsion may originate in our own minds.

The old physics showed us a universe which looked more like a prison than a dwelling-place. The new

physics shows us a building which is certainly more spacious, although its interior doors may be either open or locked—we cannot say. But we begin to suspect it may give us room for such freedom as we have always believed we possessed; it seems possible at least that in it we can mould events to our desire, and live lives of emotion, intellect, and endeavour. It looks as though it might form a suitable dwelling-place for man, and not a mere shelter for brutes. The new physics obviously carries many philosophical implications, but these are not easy to describe in words. They cannot be summed up in the crisp, snappy sentences beloved of scientific journalism, such as that materialism is dead, or that matter is no more. The situation is rather that both materialism and matter need to be redefined in the light of our new knowledge. When this has been done, the materialist must decide for himself whether the only kind of materialism which science now permits can be suitably labelled materialism, and whether what remains of matter should be labelled as matter or as something else; it is mainly a question of terminology.

If the nature we study consists so largely of our own mental constructs, why do our many minds all construct one and the same nature? Why, in brief, do we all see the same sun, moon and stars? I would suggest that

physics itself may provide a possible although very conjectural clue. The old particle-picture which lay within the limits of space and time, broke matter up into a crowd of distinct particles, and radiation into a shower of distinct photons. The newer and more accurate wave-picture, which transcends the framework of space and time, recombines the photons into a single beam of light, and the shower of parallel-moving electrons into a continuous electric current. Atomicity and division into individual existences are fundamental in the restricted space-time picture, but disappear in the wider, and as far as we know more truthful, picture which transcends space and time. . . . The same is true, mutatis mutandis, of the electrons of a parallel-moving shower. The biologists are beginning to tell us, although not very unanimously, that the same may be true of the cells of our bodies. And is it not conceivable that what is true of the objects perceived may be true also of the perceiving minds? When we view ourselves in space and time we are quite obviously distinct individuals; when we pass beyond space and time we may perhaps form ingredients of a continuous stream of life. It is only a step from this to a solution of the problem which would have commended itself to many philosophers, from Plato to Berkeley, and is, I think, directly in line with the new worldpicture of modern physics.

Ministry of Health Report

HE fifteenth annual report of the Ministry of Health, covering the twelve months ended March 31, 1934 (Stationery Office, 6s.), extends to 388 pages, and indicates, for instructed readers, the gradual widening of the scope of the Ministry since its formation. Primarily of importance to medical officers and others responsible for the administration of public health, it also contains a modicum of facts which should be put on record at least once a year for the information of pharmacists.

Food and Drugs (Adulteration) Act

An attempt has been made to separate drugs from food in the report. The number of samples of "food" analysed is given as 138,171, with 7,601 (5.5 per cent.) cases of adulteration. This total, however, includes 5,328 drugs, with a percentage of adulteration slightly better than the average, namely, 5.1. Preservatives in food gave trouble in 380 cases, a smaller number than in any previous year. Defective samples of vinegar numbered 135, and nineteen samples of mustard were reported against. The 270 "drugs" found to be "adulterated or not up to standard" were distributed over about sixty preparations. The report states:—

Twenty-six samples of tincture of iodine were reported to be deficient in potassium iodide or to contain that substance in excess. . . . Twenty samples of mercury ointment were deficient in mercury, the deficiency in one case being as much as 93.3 per cent., and two samples consisted of calomel ointment and ammoniated mercury ointment, respectively. Twenty-one samples of Parrish's food were deficient in phosphate of lime, or iron. . . . Nineteen samples of sweet spirit of nitre were deficient in ethyl nitrite, the deficiency in one instance amounting to 100 per cent. Sweet nitre balsam contained no balsamic principle, camphorated oil was deficient in camphor, syrup of figs contained salicylic or benzoic acid, seidlitz powders contained excess of tartaric acid, saccharin was deficient in soluble saccharine to the extent of 95.6 per cent., and Gregory's powder was made with oxide of magnesium. Glauber's salt was sold as Epsom salts and bicarbonate of soda was supplied where carbonate of soda was demanded. A sample sold as "slimming tablets" was reported to consist of a mixture of aperient drugs likely to cause chronic purging.

Therapeutic Substances Act, 1925

Eight new licences were issued under the Act during the year (three licences to manufacture, one to import and four to import for purposes of scientific research).

The number of licences in force on March 31, 1934, was as follows.

The inspectors appointed by the Minister for this purpose carried out further inspections in this country and abroad, and a number of samples were examined.

N.H.I. Dispensing

England and Wales are treated separately in the section of the report dealing with National Health Insurance. Taking England first, £1,863,080 was paid to insurance chemists for drugs and appliances supplied at "about 10,000 chemists' shops." There was an increase of nearly 6 per cent. in the number of insurance prescriptions dispensed in 1933 compared with 1932, the numbers rising from 56,081,507 to 59,338,504, and the average number of prescriptions issued per insured person entitled to supplies increased from 4.19 to 4.56. The total of the chemists' accounts rose from £1,865,123 to £1,985,885; the average ingredient cost per prescription from 3.594d. to 3.643d.; and the average total cost of drugs and appliances per person entitled to obtain them from chemists from 2s. 9½d. to 2s. 113d. Sums withheld from doctors for excessive prescribing (two cases) amounted to £30, and sums withheld for other reasons to £455 (seventy-two cases); these sums show a reduction on the previous year's figures. Sums withheld from chemists for breaches of figures. Sums withheld from chemists for ofeaches of terms of service amounted to £257 (184 cases), a reduction on the corresponding figures for 1932 (£295 and 222 cases). In Wales, 2,712,894 prescriptions were priced, an increase of 111,606 on the previous year's total. The cost was £90,911 (£85,065 in 1932); the amount actually paid to chemists was £85,498. The amount actually paid to chemists was £85,498. The average cost of drugs and appliances per insured person was 2s. 4.13d. (2s. 4.74d. in 1932). Amounts varying from fi to fio were withheld from insurance practitioners in twenty cases of breaches of terms of service. Deductions were made from the remuneration of sixteen chemists in respect of test prescriptions found to be in-accurately dispensed; the amounts deducted varied from 5s. to £3 10s.

Other matters mentioned include visits to alkali and other works, totalling 3,996 (4,088 in 1932); four cases of anthrax, in all of which shaving brushes were implicated or suspected; the findings of the Departmental Committee on Food Standards; those of the British Medical Association's Committee on Nutrition; and the position regarding radium supplies in this country.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values.

28 Essex Street, W.C.2, September 6

Mosr markets, particularly those handling natural products, have experienced a week of better business and prices, where they have not advanced, are being fully maintained. The general tone is certainly lealthier. Sterling shows a further slight loss on the week, with exchange rates still at a low level. In the pharmaceutical chemicals markets business has progressed on routine lines. ROCHELLE SALTS have been advanced to the product of t progressed on routine lines. Rochelle salts have been advanced on higher cost of raw material. Quinne salts are quoted dearer this week. Bismuth salts are fully steady and an upward inovement would not be surprising. Santonin is firm and higher prices are anticipated. Phenacetin of British make is considerably under the cost of landing foreign material. Business in many lines in crude drugs has been quite good this week and a number of firmer markets are reported. Agar is firmer spot and forward. Japanese Camphor has been advanced for shipment and spot is moving up in sympathy. Chinese Cantharides have been scarce for some time, but supplies are now being landed. New crop Chamomiles continue very firm at high figures. Zanzibar Cloves are steady. Henna leaves are in very limited supply on spot. Ipecacuanha is firmer following some fair business CLOVES are steady. Henna leaves are in very minutes supply on spot. IPECACUANHA is firmer following some fair business in Matto Grosso. Lobelia Herb is again easier, showing a big decline in two weeks. Menthol has met with more business and the market is quoted firmer. Reports of considerable crop shortage are to hand. Seeds are generally firm with business quite good. Sengga is quoted forward at very low figures and spot is offered cheaply. In Senna some new crop Tinnevelly leaves of good quality and some better hand-picked pods have been landed. The medium amber and the manufacturing grades of Tragacanth have been in steady demand. Carnauba and Bees' Waxes are fully steady with business on a good scale. The tone in essential oils is certainly better and a good deal more business of a general character has been transacted. While some products remain at false prices, others are recovering towards a normal level. Star anise is quoted dearer forward and spot is also firmer. Cananga is sharply dearer. Bourbon Geranium, although attracting little attention, is dearer forward. French Lavender, new crop, is quoted from origin at very high figures, but the on spot. IPECACUANHA is firmer following some fair business attracting little attention, is dealer forward. French Lavender, new crop, is quoted from origin at very high figures, but the market has not settled down. There has been an active market in Lemongrass, spot and near positions, and high prices have been paid. West Indian Lime has met with a good consuming demand. Singapore Patchouli is dearer and firm. Japanese Peppermint has been moving well and is quoted at a small advance, market firmer. An advice just to hand states that the crop for the whole of the country of American Peppermint is estimated at between 300,000 and 350,000 states that the crop for the whole of the country of American Peppermin's is estimated at between 300,000 and 350,000 pounds. Petitigrani is at better figures. Spanish Spike is reported to have sold well forward and values are firmly held at high prices. The advanced shipment prices of Vetiver have been of little interest. Wormseed is quoted dearer and the shipment market is firm. The general tendency in crude draws and operating elle is for prices to bardon in the resistive. drugs and essential oils is for prices to harden; in the majority of instances they are still quoted well below normal and economic values.

Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	September 6	Value of the £	
Amsterdam Berlin Brussels Copenhagen Lisbon Madrid Montreal Montreal New York Oslo Paris Prague Stockholm Warsaw Zurich	Mks. to £ Belgas to £ Kr. to £ Esc. to £ Ptas. to £ Lire to £ Dol. to £ Kr. to £ Fr. to £ Kr. to £ Zloty to £	12·107 20·43 35 18·259 110 25·22½ 92·46 4·86¾ nominal 18·159 124·21 164·25 18·159 43·38 25·2215	7:29\\ 12:54\\ 21:05\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	12/03 12/33 12/33 12/35 24/8 19/118 28/9 12/53 20/0 20/7 21/11 12/03 13/63 12/11 12/11 12/11	

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

MARKETS affected by rates of exchange are fully steady. Rochelle salts have been advanced. Quinine salts are quoted dearer this week. British-made phenacetin is commanding the home market. Business has been fair, with the general tone steady.

Amidopyrin.—A few spot inquiries with keen competition: crystals, five cwt., 18s. 9d.; two cwt., 19s. 1\(^1_4\dagged.\); less than two cwt., 19s. 6d. per lb.; with powder, 2\(^1_2\dagged.\) per lb. extra.

ASPIRIN.—Business is well up to average, with agreed prices unchanged: home trade, ten cwt., 2s. 7d.; five cwt., 2s. 8½d.; one cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 1od.; 7 lb., 3s.; 4 lb., 3s. 2d.; 1 lb., 3s. 4d. per lb. Bulk packing free, net, carriage paid. Contracts: Over twelve months, minimum, one ton; over six months, less than one ton.

ASPIRIN (TABLEIS).—The wholesale scale of prices is as follows: under 5,000, 3s. per 1,000; 5,000, 2s. 11d.; 10,000, 2s. 10d.; 25,000, 2s. 9d.; 50,000, 2s. 8d.; 75,000, 2s. 7d.; 100,000, 2s. 6d.; 250,000, 2s. 5d.; 500,000, 2s. 4d.; 1,000,000, 2s. 3d.; over 1,000,000, 2s. 2d. per thousand tablets. For over one million a rebate of 1d. per 1,000 on 10 million tablets over 12 months. Wholesale distributors' prices for smaller quantities would be dearer.

Barbitone.—Market is firm on spot and forward: to arrive and spot, two cwt., 12s. 10d.; 56 lb., 13s. 2d.; smaller parcels, 13s. 6d. per lb.

BUTYL CHLORAL HYDRATE.—Business is rather quiet: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—British-made material is quoted as follows: one cwt., 7s. 6d.; 56 lb., 7s. 9d.; smaller quantities, 8s. Citrate, one cwt., 4s. 6d.; 56 lb., 4s. 9d.; smaller quantities, 5s. per lb. Dealers' prices for Continental material to come forward are unchanged, as follows: 250 lb., 6s. 6dd.; 100 lb., 6s. 8dd.; 50 lb., 6s. 11d.; less than 50 lb., 7s. 1d. per lb. Citrate, 250 lb., 5s. 5d.; 100 lb., 5s. 5dd.; 50 lb., 5s. 7d.; less than 50 lb., 5s. 8dd. per lb., net, carriage paid on minimum 50-lb. lots. Packages from 5 lb. and upwards free.

CALCIUM LACTATE.—Market is competitive for bulk quantities: spot, one cwt., is. 0\frac{3}{2}d.; 56 lb., is. 1\frac{1}{2}d.; 28 lb., is. 2\frac{1}{2}d.; smaller quantities, up to is. 6d. per lb.

CHLORAL HYDRATE.—Home makers' scale is steady: duty-paid crystals, in 14-lb. free containers, five cwt., 3s. 1d.; one cwt., 3s. 2d.; 28 lb., 3s. 3d.; 14 lb., 3s. 4½d. per lb.; 28-lb. jars, one penny per lb. extra.

Chloroform.—Makers quote as follows: in drums, 2s. 3d. to 2s. 6d.; winchesters, 2s. 3½d. to 2s. 6½d.; in 2-lb. bottles, 2s. 4½d. to 2s. 7½d.; in 1-lb. bottles, 2s. 5½d. to 2s. 8½d.; in 8-oz. bottles, 2s. 6½d. to 2s. 9½d.; in 4-oz. bottles, 2s. 8½d. to 2s. 1td.; for ten cwt. down to 56-lb. lots, carriage paid on minimum cwt. lots.

CITRIC ACID (B.P. CRYSTALS).—A steady business at competitive prices. British material quoted at 9d. per lb., less 5 per cent. discount, nominal and without engagement. Imported material is offering at about level prices.

CREAM OF TARTAR.—British makes quoted at 82s. per cwt., less 2½ per cent. discount, nominal and without engagement. Dealers are offering imported material at competitive figures.

Hexamine.—A moderate business on a keen market. British free-running crystals, five cwt., is. 8d.; two cwt., is. 8dd.; one cwt., is. 9d.; i4 lb., is. iid.; smaller parcels, up to 2s. 2d. per lb.; powder, cwt. lots, is. 5d. and less for bulk quantities.

MERCURIALS.—Makers' scales of prices for these salts are fully steady. Chloride, B.P. (calomel), one cwt., 4s. 9d.; less than one cwt., 4s. 1od. per lb.

METHYL SALICYLATE (B.P.).—Quoted prices are maintained; business fair; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 7d.; small quantities in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Sterling prices are fully steady; business small: two cwt., 17s. 6d.; one cwt., 17s. 11d.; 56 lb., 18s. 4d.; small parcels, 19s. 3d. per lb.

Metol.—Market is steady but rather dull: 28 lb., 9s. 6d.; 14 lb., 9s. 9d. per lb., carriage paid. Wholesale distributors' prices for smaller quantities would be dearer.

PHENACETIN.—Very low prices are being quoted, particularly for lots of one ton or over: crystals or powder, five cwt., 3s. 2d.; two cwt., 3s. 3d.; one cwt., 3s. 4½d.; smaller parcels, up to 4s. per lb. British material leading the market.

Phenazone.—Dealers' prices for spot are steady; forward quotations hrm: crystals, five cwt., 10s. 7\(\frac{3}{2}\)d.; two cwt., 10s. 10d.; and less, 11s. 6d. per lb.; with powder 2\(\frac{1}{2}\)d. per lb. extra.

Phenolphthalein.—British material unchanged; occasional cheaper offer noted: two cwt., 2s. 9d.; one cwt., 2s. 1od.; 28 lb., 3s.; 14 lb., 3s. 1d.; 7 lb., 3s. 2d.; smaller parcels, up to 3s. 6d. per lb.

PHENYL ETHYL BARBITURIC.—A steady business in limited quantities, with prices holding: quoted from 28s. 6d. to 29s. 6d. per lb., in 2-lb. bottles.

Potassium permanganate (B.P.).—Market very steady; dealers doing fair business: quantities, in two-cwt. drums, 9¼d.; druggists' parcels, 9¾d. to 11d. per lb., as to quantity.

Potassium sulphoguatacolate.—Dealers' prices tend to be steadier. Spot, 6s. 3d. to 6s. 6d. per lb., as to quantity.

Pyrogallic acid.—Makers' scale unchanged; business quieter: 56 lb., 7s. 9d.; 28 lb., 8s.; 14 lb., 8s. 6d.; 7 lb., 9s. 3d. per lb., in 7-lb. tins. Wholesale distributors' prices for small quantities would be dearer.

Quinine Salts.—Prices have been advanced on current sterling exchange. Sulphate, 2s. Id.; bisulphate, 2s. Id.; ethyl carbonate, 2s. 8\frac{1}{2}d.; salicylate, 2s. 9\frac{1}{2}d.; phosphate, 3s. 2\frac{1}{2}d.; hydrochloride, 2s. 7\frac{1}{2}d.; bihydrochloride, 2s. 10\frac{3}{4}d.; hydrobromide, 2s. 7\frac{1}{2}d.; bihydrobromide, 2s. 10\frac{3}{4}d.; valerianate, 3s. 7d.; hypophosphite, 3s. 10\frac{3}{4}d.; alkaloid, 2s. 11d. per oz., carriage paid on bulk quantities.

RESORCIN.—British material at steady prices: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb.

Rochelle salts.—Due to the increased cost of raw material makers have had to advance their prices for sodium and potassium tartrate, B.P., by 5s. per cwt., and seidlitz powder, B.P., by 3s. 9d., and double seidlitz by 4s. 3d. per cwt., as follows: Rochelle salts, less than one cwt., 77s. 6d.; less than five cwt., 75s.; not less than five cwt. in one delivery, 72s. 6d. per cwt.; with crystals, 2s. 6d. per cwt. extra. Seidlitz, B.P., less than one cwt., 62s. 6d.; less than five cwt., 60s. 6d.; not less than five cwt. in one delivery, 58s. 9d. per cwt. Double seidlitz, less than one cwt., 69s.; less than five cwt., 67s.; not less than five cwt. in one delivery, 64s. 9d. per cwt. Carriage paid on one cwt. and over.

Santonin.—This market continues firm and values are tending to advance, possibly substantially. One-kilo. lots, £15 5s.; five- to ten-kilo. parcels, £14 10s. per kilo.

SODUM DIETHYLBARBITURATE.—Market is about steady; business fair: spot, one cwt., 14s. 6d.; 28 lb., 15s.; 14 lb., 15s. 3d.; 7 lb., 15s. 6d.; 1 lb., 16s. 6d. per lb. Wholesale distributors' prices for smaller quantities would be dearer.

SODIUM SALICYLATE (B.P.).—Quoted unchanged; moderate inquiry: home trade, powder or crystals, five cwt., is. 8½d.; one cwt., is. 9d.; 28 lb., 2s.; 14 lb., 2s. 2d.; 7 lb., 2s. 3d.; 1 lb., 2s. 6d. per lb.

STRYCHNINE SALTS.—Makers' prices are fully steady:—

_	_		Under 16 ozs.	16 ozs.	35 ozs.
Alkaloid cryst Alkaloid powder Bisulphate Hydrochloride Nitrate Sulphate cryst	•••	 	Per oz. s. d. 2 8½ 2 7½ 2 2½ 2 5½ 2 3½ 2 4½	Per oz. s. d. 2 7 2 6 2 1 2 4 2 2 2 3	Per oz. s. d. 2 652 2 002 2 322 2 122 2 22

25-oz. containers free; r-oz. bottles, 2½d.; 2-oz. bottles, 3½d. Other conditions as usual. Lower prices for bulk quantities. Wholesale distributors' prices for smaller quantities would be described.

Sulphonal.—Dealers' sterling prices are steady for forward delivery; isolated cheaper spot offers: crystals or powder, two cwt., 14s.; one cwt., 14s. 5d.; 56 lb., 14s. 7d.; smaller parcels, up to 15s. per lb.

Tariaric acid (B.P. crystals).—A steady inquiry; market competitive. British material is quoted at 1s. o½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are quoting foreign material at keen figures.

THYMOL.—Convention prices maintained; business slow: synthetic, fine white, two cwt., 5s. 7d.; one cwt., 5s. 9d.; 56 lb., 5s. 11½d.; 28 lb., 6s. 3½d.; less, 7s. per lb.; ex ajowan seed, one cwt., 8s. 3d.; 56 lb., 8s. 6d.; 28 lb., 9s.; 14 lb., 10s. per lb.

Vanillin.—Inquiry is slow; Convention scale is unchanged: ex guaiacol or clove oil, five cwt., 13s. 3d.; one cwt., 13s. 6d.; 56 lb., 13s. 9d.; less, 14s. per lb.

Crude Drugs, etc.

Agar.—Market is firmer forward; spot is also slightly dearer: spot, Kobe No. 1, 1s. 11d. to 2s.; No. 2, 1s. 10d.; Yokohama No. 1, 1s. 10d. per lb.; shipment, Kobe No. 1, 1s. 8\frac{1}{4}d.; No. 2, 1s. 8\frac{1}{4}d.; Yokohama No. 1, 1s. 7\frac{3}{4}d. per lb., c.i.f.

Balsams.—Inquiry remains slow. Tolu, 1s. 1od.; Canada, 2s.; Capivi, 1s. 6d.; Peru, 5s. $4\frac{1}{2}$ d. per lb.

Belladonna.—Some leaves due to be landed shortly are offering in the region of 80s. per cwt. Root, on spot, testing 0.45, is quoted at 62s. 6d. per cwt.

Buchu.—A fair amount of bale business is reported, with prices fully steady. Good green rounds, close up to 1s. 4d.; ordinary to fair, 1s. 1½d. to 1s. 2d. per lb. Limited quantities of ovals at 1od. to 11d. per lb., as to quality.

Camphor.—The Japanese product is quoted dearer: spot, slabs, 2s. id.; flowers, 2s. i½d.; tablets, 2s. 5d. per lb.; shipment, slabs, 1s. o½d.; flowers, 1s. 1o¼d.; tablets, 2s. ½d. per lb., c.i.f. English refined is still unchanged: flowers, one cwt., 3s. id.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz., and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ½ oz. and ½ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

Cantharides.—Spot has been bare of supplies; some Chinese flies, due to arrive very shortly, are quoted at 4s. 3d. per lb.

Cardamoms.—Market has not attracted very much business lately. Prices ruling, however, are quite steady. Ceylon, No. 2 bold, 3s. per lb., spot.

CASCARA SAGRADA.—The shipment quotation for this year's peel is about 32s. 6d. per cwt., c.i.f., and less for large bulk quantities. 1933 peel, on spot, is available from 40s. upwards per cwt.

Chamomiles.—Some limited spot supplies of flowers are now available, with first pickings firm at 240s, and upwards and second pickings from 220s, per cwt. Holders are very firm.

CLOVES.—Business has been rather quiet, but the market is steady. Zanzibar, spot, 6d.; shipment, October-December, $5\frac{7}{8}$ d. per lb., c.i.f. Clove stocks at Zanzibar: Supplies from plantations, 8,223 frasilas; exports, 12,958 frasilas; town stock at August 7, 222,489 frasilas.

The landings of Zanzibar in London during the week ended September 1 wars and the deliveries of Leaving at table of extended September 1

The landings of Zanzibar in London during the week ended September 1 were 100 and the deliveries 176, leaving a stock of 3,552. From January 1 to date landings of Zanzibar have been 3,015 and the deliveries 2,882. Landings of Madagascar for the week ended September 1 were nil and the deliveries 12, leaving a stock of 713. From January 1 to date, landings of Madagascar have been 296 and the deliveries 565 packages.

COCONUT (DESICCATED).—The market is steadier at slightly better prices. Spot, fine, 15s.; medium, 15s.; shipment, halves, September-October, 14s. 3d. per cwt., c.i.f.

Cod-liver oil.—Bergen reports that the shipment market continues steady with finest Lofoten steam refined non-freezing medicinal oil quoted in the region of 88s. per barrel, c.i.f. Spot, in small lots, 130s. per barrel, ex store, duty paid. Newfoundland, finest non-freezing medicinal oil, 132s. par barrel, ex store. British non-freezing medicinal oil, 125s. per barrel, c.i.f., London, duty free.

Damiana leaves.—Limited supplies are available at is. iod. per lb. in small lots.

Derris root.—The shipment figure for 17 per cent. is fully steady at 10d. per lb., c.i.f. Spot is well maintained at about 1s. 2d. per lb.

Ergot.—Not particularly much demand at the moment. Spot values are Spanish, is. 8d.; Portuguese, is. 7d.; Polish, is. 6d.; and Russian, is. 5d. per lb.

Gentian.—French root is valued from 45s. to 47s. 6d. per cwt., as to quantity, spot.

GINGER.—This market has remained rather quiet. West African, spot, 28s. per cwt.

GUM ACACIA.—Market is steady for shipment, isolated cheap spot sellers noted: spot, Kordofan cleaned sorts, 37s. 3d.; bleached, 70s. to 72s. 6d. per cwt.; shipment, Kordofan cleaned sorts, 36s. 3d. per cwt., c.i.f.

Henna leaves.—Some supplies of Indian are fully steady at 45s. per cwt. Egyptian, in bond, quoted at the same figure.

Honey.—Californian white clover is quoted on spot 47s. 6d. to 50s. per cwt., with a small sale. Jamaican is mentioned from 32s. 6d. to 45s. per cwt., for dark to pale. San Domingo, pale amber at 36s., and Cuban dark to pale at 31s. 6d. to 40s., spot.

HYDRASTIS.—Business has been of small account. Spot, 5s.; shipment, about 4s. 6d. per lb., c.i.f.

IPECACUANHA.—There is a much better tone in the market, and quite a fair business is reported with Matto Grosso now firm from 4s. 6d. per lb. Minas, 3s. rod. per lb.

LIQUORICE ROOF.—Supplies of natural root are slow of sale; quoted at about £13 ros. per ton, for quantities.

LOBELIA HERB.—The weaker market reported last week continues, with shipment about 9½d. per lb., c.i.f., for a quantity. Spot is about 1s. 2d. to 1s. 3d. per lb. for a small lot.

MENTHOL.—The market handling the Japanese product is firmer and there has been a very fair volume of business. Advice from the source, which is given with reserve, states the crop is likely to be about 50 per cent. below average. K/S brands, spot, 11s. and slightly less for bulk quantities; in bond, 9s. 8d.; afloat, 9s. 7½d.; October-December, up to 10s. per lb., c.i.f., from re-sellers. Japanese shippers are firm at 10s. per lb., c.i.f.

Mercury.—A fair business in Spanish-Italian is reported, with values fully steady. Shipment, 56 dollars 50 cents to 57 dollars, f.o.b. Continent. Spot, in small lots, £11 10s. per bottle.

OPIUM.—Business is negligible. Spot offers from secondhand from 1s. 6d. per unit. Official shipment price is at 1s. 5d. per unit, c.i.f.

IS. 5d. per unit, c.i.f.

PEPPER.—Values are fractionally easier forward on the week, market steady. Lampong, spot, 5½d.; shipment, August-October, 4½d.; October-December, 4½d.; January-March, 4½d. per lb., c.i.f. Tellicherry, spot, 5½d.; shipment, September-November, 51s. Aleppy, spot, 5d.; shipment, September-November, 50s. per cwt., c.i.f. White Muntok, spot, rod.; shipment, August-October, 9½d.; October-December, 9½d.; January-March, 9½d. per lb., c.i.f. Delivery, October, rod.; January, 10½d. per lb.

Pimento.—Business is fair, market steady. Spot, 27d.; shipment, October-December, 21s. 9d. per cwt., c.i.f.

QUILLAIM BARK.—To come forward offers are being made at about £20 per ton, c.i.f.

RUBBER.—The market has been about maintained with moderate business passing, closing steady. Standard ribbed smoked sheet, spot, 7%d.; September, 7%d.; October, 7%d.; October-December, 7%d.; January-March, 7%d.; April-June, 8d. per lb.

SARSAPARILLA.—A rather quiet market. Jamaican grey, is. 5d. to is. 6d.; native, mixed, iid. to is. per lb.

Seeds.—Anise.—Spot, Spanish, 65s.; Bulgarian, 47s. 6d. Canary.—Mazagan now 19s., spot. Caraway.—Market unchanged, firm. Dutch, 36s., duty paid; 32s. f.o.b. Holland. Coriander.—Morocco, 1933 crop, sold at 15s., duty paid. Wormy quoted at 13s. 6d., spot; new crop for September, shipment done at 11s. c.i.f. Cumin.—Malta all cleared on spot; Morocco sold at 52s. 6d., duty paid. Fenugreek.—Morocco, spot, quoted 12s. 6d. to 13s. Mustard.—Dearer, English, 25s. 6d. to 32s. 6d. per cwt., according to quality.

Senega.—Prices for shipment have reached a very low level at about is. old. to is. id. per lb., c.i.f., the lower price for good quantities. Spot is at about is. 2ld. per lb.

SENNA.—In Alexandrian the spot market is bare of supplies of good hand-picked pods and there are no arrivals reported. In Tinnevelly a few parcels of new crop leaves have been landed showing a good clean green leaf. Holders quoting No. 1 at 6½d.; No. 2 at 4¼d.; and No. 3 at 3½d. per lb. A parcel of fine bold selected leaves is quoted at 8½d. There has been a further arrival of new crop hand-picked pods and the quality has turned out better than former arrivals.

SHELLAC.—Values are dearer on the week, market steadier. Spot, standard TN orange, 978. 6d. to 1028. 6d.; fine orange, 1258. to 1508.; pure button, 1258. per cwt. For delivery, TN, October, 988.; December, 998. For arrival, TN, September-October, 948. per cwt., c.i.f.

SQUILL.—Some new crop on spot is mentioned round about 25s, per cwt,

STRAMONIUM LEAVES.—A few lots of new crop leaves quoted at about 55s. per cwt., spot.

TONKA BEANS.—Some fair frosted Para are available on spot at 3s. per lb.

TRAGACANTH.—This week there has been a steady call for medium amber grades valued at from 70s. to £5 per cwt. Lower grades have continued to move off quite well and supplies are getting low. Fine whites are still very short here with values firmly held. No. 1, £28; No. 2, £24; No. 3, £21 per cwt., ex store.

Wax (Various).—In Bees' the spot market is firm. Abyssinian, spot, 102s. 6d.; shipment, 87s. 6d., c.i.f. Conakry, spot, 105s.; shipment, 87s. 6d., c.i.f. Benguella, spot, 105s.; shipment, 89s., c.i.f. Dar-es-Salaam, spot, 105s.; shipment, 96s., c.i.f., nominal. Madras, spot, 100s.; shipment, 82s. 6d., c.i.f. Carnauba: Spot business in all grades has been quite good this week. Fatty grey, spot, 110s.; in bond, 100s.; afloat, 98s.; shipment, September-October, 96s. per cwt., c.i.f. Chalky grey, spot, 102s. 6d.; in bond, 92s. 6d.; shipment, 92s., c.i.f. Primeira is short on spot and advancing; spot, 165s.; in bond, 150s.; shipment, 145s. per cwt., c.i.f.

Essential Oils, etc.

Quite a good general business is recorded this week and prices, where they are not quoted dearer, are steadily maintained at former figures. Star anise is dearer forward. Cananga is substantially dearer. Bourbon geranium is dearer for shipment. French lavender, new crop, is still quoted irregularly at high figures. Lemongrass has been active, with the market short on spot and near positions. More business in West Indian lime. Patchouli is dearer. Spanish spike is very firm for shipment, with good business reported. Vetivert is quoted at very high figures forward. Wormseed is dearer.

Almond.—Business has been unimportant. English, cwt. lots, 2s. 6d.; smaller parcels, up to 2s. 8d. per lb. Foreign, cwt. lots, 2s. 4d.; smaller parcels, up to 2s. 7d. per lb.

ANISE (STAR).—Shipment market is fully steady and dearer; some better inquiry: spot, "Red Ship," in leads, is. 11d.; in tins, is. 9d.; in drums, is. 8\frac{1}{4}d.; shipment, in leads, is. 10d.; in tins, is. 9d.; in drums, is. 7\frac{3}{4}d. per lb., c.i.f.

Bay.—Supplies of $_{49}$ to $_{50}$ phenol are quoted at about $_{5s.\ 1_2^1\mathrm{d}.}$ per lb.

Bergamor.—Shipment is fairly steady although rather quiet at about 5s. to 5s. 2d. per lb., c.i.f. Spot oil is quoted at 5s. 3d. to 5s. 6d. per lb., as to brand and quantity.

Bois de Rose.—Not much business but market steady. Brazilian, spot, 4s. 9d. to 5s. per lb.; shipment, 4s. 6d. per lb., c.i.f.

Cajuput.—Some occasional business passing. Spot, 2s. to 2s. 3d. per lb.; green, 1s. $9\frac{1}{2}$ d. to 1s. 11d. per lb., as to quantity.

Cananga.—This market shows a sharp advance, with shipment quoted up to 8s. 4½d., c.i.f. Spot supplies are reported limited, with small lots in the region of 9s. 3d. per lb.

CARAWAY.—Rather more inquiry. Dutch rectified, five cwt., 8s. 6d.; one cwt., 8s. 1od.; smaller quantities, up to 9s. 5d. per lb.; crude, 5d. per lb. less.

Cassia.—Rather more business, with spot supplies limited. Spot, 3s. 11d.; shipment, 3s. $2\frac{1}{2}$ d. per lb., c.i.f.

CEDARWOOD.—Some quite good business is reported. American, spot, 1s. 4d.; shipment, 1s. 2d. per lb., c.i.f., in drums. African oil is quoted at about level prices.

CINNAMON LEAF.—Business has been more in evidence. Ceylon oil, on spot, at about 2s. 9d. to 3s. per lb., as to quantity.

CITRONELLA.—The shipment market for Ceylon is reported quite steady at about 1s. o\(\frac{1}{2}\)d. per lb., c.i.f.; small spot parcels are at about 1s. 3\(\frac{1}{2}\)d. to 1s. 4d. per lb. Java remains dull and in the region of 1s. 2\(\frac{1}{2}\)d. per lb., c.i.f., with small spot parcels about 1s. 6d. per lb.

CLOVE.—Some fair inquiry. Madagascar, spot, 3s. 4d. to 3s. 6d. per lb.; shipment is well maintained at 2s. 5d., c.i.f. English-made B.P., steady at 3s. 6d. to 3s. 9d. and less for bulk quantities.

Geranium.—The shipment market for Bourbon is better, with the quotation now at about 20s. per lb., c.i.f. The price for spot oil varies as to quality up to 22s. 6d. for small spot lots.

GINGERGRASS.—Market is dull. Spot, from 5s. 12d.; shipment, 4s. 42d. per lb.

Hoo (Shui).—Prices tend steadier, ranging from is, iid. to 2s. id. per lb., as to quality and quantity.

LAVENDER.—The latest reports available on the coming new crop oil prices are still indefinite. Shippers are mentioning figures for 38 to 40 per cent. of good standard quality French oil from 16s. up to 21s. 6d. per lb., c.i.f., but they are not pressing for business and these values are not attractive to buyers here. We are advised that in a week's time the position will be more settled and something approaching a reliable indication of values may be expected. The report adds that the crop is estimated to be well below average and the position generally strong.

Lemon.—Business of limited size has been transacted, with prices about unchanged. Sicilian hand-pressed, 3s. 4d. to 3s. 8d. per lb., c.i.f., as to brand; spot, about 3s. 6d. to 3s. 8d. per lb. Californian, in large drums, 1s. 10\frac{1}{4}d.; in small drums, 1s. 11\frac{1}{4}d. per lb., spot, with fair business reported.

Lemongrass.—Shipment prices have advanced, with September-October about 2s. 10½d. to 2s. 11d. per lb., c.i.f. There seems to be a shortage on spot and near positions; 3s. 9d. has been paid on spot and 3s. 4d. for near position, but it is now difficult to locate goods for these positions, with values nominal.

Lime.—Some very fair business is reported. West Indian distilled, spot, 24s. to 25s. per lb., as to quantity. At these figures the market is fully steady.

NEROLI.—Prices quoted range from 14s. 6d., 16s. 3d., 20s. 6d. and 22s. 6d. per oz., as to quality.

Nutmeg.—English-made oil seems about the cheapest in the region of 5s. 3d. to 5s. $4\frac{1}{2}$ d. per lb., as to quantity. American, 5s. $4\frac{1}{2}$ d. per lb., c.i.f.

Orange.—Interest in the Sicilian oil is negligible, with prices ranging about 6s. per lb., c.i.f., while other offers of guaranteed genuine oil are much higher. French Guinea is quoted at about 3s. 3d. per lb., but there may be an odd seller of a quantity at rather less. Californian is steady and moving in fair quantity: one case, 2s. 4\footnote{4}d.\text{?} two or more cases, 2s. 4\footnote{4}d.

Palmarosa.—Market is rather neglected. Spot, 5s. 6d.; shipment, 4s. 9d. per lb., c.i.f.

PATCHOULI.—The shipment market is firmer, with the quotation now at close up to 6s., c.i.f. Spot is round about 6s. 4d. to 6s. 6d. per lb.

Pepperming.—The market dealing in the Japanese product has done a very fair volume of business and is firmer. Spot, 4s.; afloat, 3s. 9½d.; shipment, October-December, 4s. per lb., c.i.f., from resellers. Japanese shippers are now quoting at 4s., c.i.f. The American natural oil, in drums, is quoted at about 3 dollars 60 cents per lb., c.i.f.

Petitgrain.—Market is quoted dearer and is firm. Shipment is now up to 3s. 8½d. per lb., c.i.f., for quantities; spot is steady from 4s. 3d. per lb.

Sandalwood.—These products are quoted unchanged. English-made East Indian, 22s. 6d. to 25s. per lb., as to quantity. English-made West Indian, cwt. lots, 6s. 9d.; 56 lb., 6s. 10½d.; 14 lb., 7s. per lb. Genuine East Indian Mysore, 19s. per lb., in one-case lots, on spot.

SASSAFRAS.—A little more business, with prices as to quality up to 3s. 3d. per lb. Artificial oil at much cheaper prices.

Spearming.—Values fully maintained, with the market firm. Business fair. Spot, 9s. 9d. and upwards; shipment, from 8s. $10\frac{1}{2}$ d. per lb., c.i.f.

SPIKE.—Reports to hand state the shipment market for good-quality Spanish is firm at 5s. 3d. per lb., c.i.f. Some considerable business has been put through lately.

VETIVERY.—The shipment market has gone up to very high figures, and, for that reason, buying is not in evidence. Quoted up to 29s. per lb., c.i.f.

Wormseed.—Market is quoted dearer and firm. Spot, small lots, ros. per lb.; shipment is fully 9s. per lb., c.i.f.

Fixed Oils, etc.

Although business has continued on rather a limited scale, quoted prices are fully maintained and the general tone of the market is firm. Ceylon mill coconut is about steady, and an advance in price is recorded in palm oils. Linseed is easier on spot and slightly cheaper forward. American turpentine is easy. Acto oils are still inactive, but values are unchanged: coconut and/or palm kernel, 16s.; groundnut, 15s.; soya, 14s. 6d. per cwt., in barrels. Castor.—Business continues on quite a good scale; prices steady and unchanged: pharmaceutical, 38s.; first pressings, 33s.; second pressings, 30s. (barrels); cases, £4 per ton extra, ex mills, Hull, in not less than 1-ton lots; Bombay, 23s. 6d. (drums), c.i.f. Coconut is steady and Ceylon mill shows a decline on quotations: deodorised, 23s.; Ceylon mill, 12s. 10½d. per cwt. (drums), c.i.f. Cotton is firm and well maintained; some fair business is moving: deodorised, 20s. 9d.; common edible, 19s. 6d.; soapmaking, 18s. 6d.; crude, 16s. 6d. (barrels), spot. Groundnut has remained rather a quiet market; quoted prices are dearer on the week, the tone is firm: deodorised, 27s. 3d.; crude oriental, 22s. 6d. (drums), c.i.f. Linseed (raw, Naked).—Values show a substantial decline, market is quiet but closes steady: on spot, 21s. 3d.; September, 19s. 9d.; October-December, 20s.; January-April, 20s. 1½d.; May-August, 20s. 3d. per cwt. Boiled oil, spot, 24s. Olive is holding steady at recent levels; business rather quiet: edible, in tins in cases, 70s. per case of ten gallons; B.P., 5s. per gallon, in 40-gallon barrels. Palm is firm at the further advanced rates recorded; hards are unobtainable and nominal: Lagos, 14s. 3d., shipment; hards, nominal; bleached, 17s. per cwt., spot. Palm kernel is firm and inclined to be dearer; the volume of business remains small: deodorised, 23s.; crude, 16s. 6d. per cwt., spot. Rape is steady and well maintained; inquiry still rather limited: refined, 32s.; crude, 29s. 6d., spot. Resin is holding steady with one or two grades showing a slight

Commercial Notes

Newfoundland Cod and Cod-Liver Oil Exports.—Shipments for January to the middle of May of cod-liver oil totalled 25,610 gallons, compared with 3,815 gallons during the same period of 1933. Cod oil exports for the same time in 1934 amounted to 112,082 gallons, compared with 219,114 gallons for the 1933 period.

Japanese Pyreihrum.—Production in 1931 was 5,600 long tons; 1932, 6,000 long tons; and 1933, 6,400 long tons. The estimated production for 1934 is 8,000 long tons. Acreage for 1934 is 45,840 acres, an increase of 27 per cent. over 1933. Stocks at March 31, 1934, in Japan totalled only 330 long tons, compared with 744 long tons in March, 1933.

French Psyllium Seed Production.—The production figures of the past eight years show a very wide variation, as follows, in metric tons:—

1927 1928 1929	500 300 350	1930 1931 1932	1.400 2,000 2,500	1933 1934	500 150 to 200*
		1	1		

* Estimated.

ITALIAN OLIVE OIL PRODUCTION.—The olive crop and oil production for pre- and post-war years were as follows:—

					Olive crop	Oil output	
1909-14	(aver	age)			Thousands of metric tons 10,769	Thousands of hectolitres	
1928-33		4			13,000	2,218	
1928					14,139	2,400	
929					17,207	3,113	
1930		•••	•••		7,920	1,344	
1931		•••	***		14,003	2,428	
1932		•••	***		12,988	2,260	
1933					11,736	1,761	

Exports of edible oil during the years 1924-1928 averaged 36.2 thousand metric tons, with an increase to 44 thousand metric tons during the years 1929-1933. The Argentine takes over 45 per cent. of the shipments and the United States over 30 per cent. Exports of non-edible oils exported during 1929-1933 averaged 15,580 metric tons, of which the United States took nearly 70 per cent.

Sudan Gum Acacia Exports

BOXALL & Co. report exports for July, 1934, amounted to 1,765 tons, compared with 1,648 tons in June, 1933. Total exports for January-July, 1934, were 14,691 tons, compared with 10,359 tons during the same period of 1933. The chief destinations were as follows:—

		1933		1934		
DESTINATION	Jan June	July	Total	Jan June	July	Total
Great Britain U.S.A France Germany Italy Belgium Japan Holland Spain Sweden Norway Australia China Canada British India Denmark Finland Poland Rumania Rumania	1,766 1,589 861 1,289 646 556 365 165 155 151 29 96 15 3 41 27 32 26	387 285 201 142 128 102 40 77 42 21 6 106 11 17 25 — 4 —	2,153 1,874 1,062 1,431 772 698 596 442 207 173 21 257 40 3 3 45 24 3 3 3 3 3 3 3 3 3 3	3,181 1,721 2,394 1,431 658 846 728 452 185 159 278 41 110 61 82 66 32 39 60 25	295 359 85 166 166 234 20 135 68 7 12 26 45 38 9 4	3,476 2,080 2,479 1,597 1,080 7,48 587 253 166 31 323 43 136 106 82 104 41 43 79
Egypt Argentina Brazil	93 24	6 5	98 36	100 121 28	10 5 3	110 126 31

The export fi	gures are	made up	of the foll	owing qu	alities:—
		Hashab	Bleached	Talha	Total
July, 1933	tons	1,375	51	222	1,648
July, 1934	tons	1,632	37	96	1,765
January–July, 193	3 tons	9,320	128	911	10,359
January-July, 193	4 tons	13,461	81	1,149	14,691

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

The Late Mr. A. H. Jenkin

SIR.—The sudden passing of Mr. A. H. Jenkin came as a great shock to his wide circle of friends in pharmacy. He will be remembered by all as hon. treasurer, member of Council, and for his work on behalf of the Society. Outside the Council chamber, Mr. Jenkin devoted almost all his spare time to the Guild of Public Pharmacists. It is with regard to this aspect of his pharmaceutical life we should like to show our appreciation of his invaluable service. The Guild was founded in 1923, in no small measure due to the efforts of three prominent hospital pharmacists, F. A. Hocking. J. Langford Moore and A. H. Jenkin, now, unhappily, all deceased. Mr Jenkin was the first hon. secretary, a position he held for six years. In 1929 he was elected hon. treasurer, which office he occupied up to his untimely death. During the negotiations with the L.C.C. for conditions of service and salaries, Mr. Jenkin was a member of a deputation received by Sir Montagu Cox, clerk to the London County Council. On all occasions his advice was of the highest order, and the experience he was able to bring to all matters was of tremendous value. Rarely, if ever, was a meeting of the Guild held without his genial presence, always the same to all who had the privilege of his friendship, with a word of welcome to the latest member. How can we adequately express our sorrow at the passing of such a man? The Guild of Public Pharmacists has indeed suffered an irreparable loss.—Yours, etc., H. Davis, President,

F. B. ROYAL, Hon. Secretary.

Guild of Public Pharmacists.

SIR,—It is now long since that I have given up the habit of writing to the papers, but the news of the death of my old friend Arthur Jenkin brings me out once again. What a flood of memories arise! I can conjure up the meeting at which the L.A.E. was brought into existence and a committee appointed, of which I became a member by the spin of the coin. Jenkin was well up the list; but Kirkpatrick and I tied for last place, and we did what Mr. Edmund White called most unconstitutional, but a sensible way out of the difficulty—viz., tossed for it. By permission of the then secretary of the Pharmaceutical Council we young members of the L.A.E. were granted the use of a room an hour before the L.A.E. met, when we settled our plan of campaign for the meeting. Jenkin was always on the moderate side, and held back some of the more fiery hands amongst the group. It was a real pleasure to work with him, and it was undoubtedly at that time that the seed was planted which in the fullness of time brought out the friendly action which Jenkin brought against the Society which decided that the Council could not dabble in trade. I could carry on with many memories, but they will come back to the minds of the older brethren, and the young would not be interested in those fighting days. I therefore show my appreciation of my old friend with two words, conveying so much, "Jenkin, London."—Yours truly,

Twickenham.

SIR,—In your notice of the death of Mr. A. H. Jenkin in last week's issue (p. 287) you made no mention of the test case of Jenkin v. The Pharmaceutical Society of Great Britain. Perhaps it was best you did not mention it, as the choice of Mr. Jenkin as plaintiff in a "friendly" action was one of the least happy that could have been made by the Council of the Society. It is difficult to imagine Mr. Jenkin having been otherwise than friendly to anyone; but Mr. Jenkin had just left the Council, and various people who did not read their C. & D. with sufficient attention jumped to the conclusion that he had conceived an implacable hostility to the Society. To those of us who were in Mr. Justice Peter-

son's court on October 19 and 27, 1920, the proceedings were not without their moments of light relief: I remember, for instance, the awkward pause that ensued when his lordship asked a learned counsel, "Who carry on the business of chemists and druggists?" The lucid judgment of Mr. Justice Peterson cleared the air as to the functions of the Society.—I am, etc.,

A. E. (3/9).

Thanks to Colleagues

SIR,—I should be grateful if you would allow me to express through The Chemist and Druggist my thanks to all chemists who have helped me successfully through the difficult time of my first year in business. I have been well impressed by the readiness of other chemists to oblige, and I have sometimes been greatly facilitated by those who have supplied stock when urgent requirements would not permit the delay of ordering from the wholesaler. Those whom I have troubled will, I hope, recognise my name and accept my grateful thanks.

Yours faithfully,

KATHLEEN FOGARTY, M.P.S.I.

Charlemont Street, Dublin.

Driving Away Trade

SIR,—Driving away business is not the prerogative of any particular trade or profession, as the following incident, which occurred lately, will show. A doctor on holiday entrusted his practice to a locum. A lady called to see the doctor but found the locum, who asked her symptoms and then how long she had felt ill. She replied, "About a week." "Why in the name of goodness did you not come earlier?" queried the locum, and then, apparently as an afterthought: "Well I can't do anything for you. Your trouble (a severe chill and bronchitis) will need to take its course, but you can drink plenty of hot tea." As he showed her out he asked "Shall I call and see you to-morrow?" To which the lady replied, "When I need you I shall send for you." She made her way direct to her chemist, and explaining the circumstances asked if he could give something to help her. He did so and recorded a 5s. sale, besides being "one up" in his customer's estimation.

Yours, etc.,
THE THISTLE (28/8).

Draft Poisons List and Rules

SIR,-I have waited, so far in vain, to read in your columns some obvious objections to the new draft Poisons Regulations from the pharmacist's—and the public's—point of view. I will be brief and mention only one. A good many pharmacists appear to believe-wrongly as it seems to me—that the greater the number of substances included in the Schedule the better. True, any new inclusion gives us a new monopoly—but it is a monopoly we very probably already possess. In any case, the monopoly does not compensate us for the extra yards of red tape which will hamper our jobs. There is a point beyond which additions to the Schedule become a nuisance. But our chief trouble will arise over the disregard of percentages and the enforced use of the word "Poison" on common remedies for internal use. It is on common remedies for internal use. It is preposterous that a tablet containing 0.02 gr. of strychnine or a cough mixture guilty of paregoric in small doses should have to be sold labelled "Poison." Surely it is possible to draw a line somewhere—no matter where—and exempt small and harmless doses of "poisons" from so objectionable a designation. Shortly we shall be obliged to apply the word "poison" to headache powders containing I gr. of acetanilide or 3 gr. of antipyrine. Will the public continue to take powders so labelled? Perhaps not—and then aspirin will become the almost universal remedy, to the physical detriment of the populace. Logically if a tonic tablet containing even the smallest dose of ext. nuc. vom. must be labelled "Poison," so ought also mixtures, pills and tablets prescribed by medical men. Similarly the reasons for omitting the offensive word in the one case are applicable to its omission in the other. This overweening regard for the public safety is overreaching itself. The customer is finding that, nine times out of ten, the word "Poison" on a remedy is a mere formality—and the danger is that the same word used in connection with mercuric chloride or potassium cyanide may lose its monitory significance. The Poisons Board cannot have it both ways. We are in danger, unless regard is had to quantities and percentages, of wiping out the distinction between what is de facto a poison and what is not. If the red tape of the Poisons Regulations is to be used as leading strings for pharmacists, what purpose is our increasingly more drastic qualification supposed to serve?

Yours very truly,

R. CECIL OWEN.

Chester.

Dispensing Notes & Difficulties

A Salicylic Acid and Calamine Cream

SIR,—Can you tell me the best way of making up the following cream:—

 Acid. salicyl.
 gr. xx.

 Calam.
 Jiss.

 Zinci ox.
 Jiss.

 Ol. olivæ.
 Jiss.

 Aq. calcis
 ad 3jj.

Yours faithfully, I. T. K. (29/6).

[Calamine and zinc oxide must in any case interact with the acid salicylic in the presence of water. (Lassar's paste contains salicylic acid and zinc oxide without chemical change.) The obvious method of mixing is to rub the powders together with sufficient hot water to dampen them and promote reaction; then add the olive oil in a mortar, and finally the lime water. It is greatly improved by the addition of anhydrous wool fat, using 2 drachms instead of 2 drachms of the oil. This in our opinion is a permissible method of preparing such a mixture. The method is, therefore: 1.2.3. mixed with 5j. hot water. Then add the wool fat in a warm mortar, mix. Now add 3vj. of oil and thoroughly incorporate. Finally, lime water to 2 oz.]

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics

Warning

We have been shown a form of contract (4/9) which is much too vaguely worded to be acceptable. It has reference to an advertisement and an order; but while the amount to be paid by the trader is definitely stated, the benefits to be received in return are not. In other words, the transaction is a speculation.

Too Many Pharmacies?

"Cheshire" (C. & D., August 11, p. 209) remarks that although builders are restricted by town-planning schemes, traders can open shops indiscriminately. I have in mind instances where in a given block of shops only one of each kind of trade is allowed, or where the duplication of traders is forbidden for a term of years to allow the first-comers to get a footing. This course, obviously, can only be adopted where the buildings are erected by the same builder; but in the building trade competition is keen, and shops are being erected in all directions and advertised to prospective tenants or purchasers irrespective of the number of shops of a similar type already open. It would seem that agreement on the number of shops and trades necessary to a district would help all parties.—Shopowner (27/8).

Legal Queries

T. C. C. (15/8).—According to the provisional Poisons Rules a preparation containing more than 5 per cent. volume in volume of chloroform comes within Part I of the Poisons List, but is outside the First Schedule. Consequently it will comply with the provisions as to labelling given in The Chemist and Druggist, August 11, p. 198, Sections 3 and 4.

J. S. J. (25/7).—Whether you are liable to pay income tax on the sale of your business will depend upon certain circumstances. Broadly, there is no liability to tax because it is an exchange of capital—i.e. the excess of your assets over your liabilities—into cash, and, therefore, being capital and not income is not assessable. The question of liability will result from the position of the balance sheet of the business when you took it over and the position existing when it was sold, mainly from the position of the stocks on hand. If it is being represented to you by H.M. Inspector of Taxes that there is liability, we would advise you to obtain the services of a local qualified accountant in the matter.

W. C. C. (11/9) is employed under a contract of service which is terminable by a month's notice. He has been offered and wishes to take another situation in three weeks' time. In his present job, his fortnight's holiday is due to begin at the end of that period. Is he entitled to give his present employer a month's notice at once and take the new job? In that event, his present employer will, in effect, have five weeks within which to appoint a successor. [In our opinion, from a strictly legal point of view, "W. C. C." must be prepared to work for his present employer throughout the whole of the period of the month's notice, since he has no legal right to take his holiday at any particular time, even if, under the agreement, he has any right to a holiday at all. However, in the circumstances, it would not seem that his present employer would be prejudiced if "W. C. C." were to follow the course he proposes, and that being so, it is difficult to see how he could be held liable to pay damages for breach of contract. We suggest that he should explain the circumstances to his employer and come to an amicable arrangement if possible.]

Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," September 15, 1884

Society of Apothecaries of London

The first volume of the report of the Royal Commission on the City of London Livery Companies, which has lately been issued, is a most interesting compilation. . . The following gentlemen attended as a deputation from the Apothecaries Society on May 2, r883:—Mr. J. Saner, Master, and Mr. J. R. Upton, Clerk [and were questioned by the chairman, the Earl of Derby].

3312. Then you have occupied yourselves a good deal in securing to the public the use of unadulterated drugs, I understand?—Very largely.

3313. You say that you have done that by means of a body created out of yourselves, and allowed to use your name, but placed under your control. What body is that?—The body is defunct now. A certain number of our own members were allowed to subscribe and form themselves into a body to carry on the trade. It was what they called the United Stock, and they carried on the trade until within about three years ago, when, in consequence of a change of business, the trade failed in a measure, and it was all wound up: now the Society carry it on on their own account at the present time.

3320. Are you still the possessors of the Botanic Garden at Chelsea?—Yes, we cannot part with it. We have £5 a year to pay to Lord Cadogan to keep hold of it; that is all.

A SPECIAL BONUS



DURING SEPTEMBER & OCTOBER ONLY

of $48 \times 10d$. bottles FREE is given with orders for 2 gross 25's (or equivalent) of HOWARDS' ASPIRIN TABLETS provided a window show is made. With orders for 1 gross 25's a Bonus of $18 \times 10d$. bottles is given on the same terms. Show material supplied free.

To illustrate the value of

HOWARDS' ASPIRIN TABLETS

to the Pharmacist, a bottle of 25 bought on these terms gives a P.A.T.A. profit of over 5d., on 50 tablets over 9d. and on 100 over 1/3d. Is it not worth while to push the sale of Howards' Aspirin Tablets, knowing the quality of the Aspirin—the Pharmacists' safeguard—and the fact that they are well advertised in the lay press throughout the country?

ANY WHOLESALE HOUSE CAN SUPPLY

POPULARITY

As a proof of their popularity the sales of HOWARDS' ASPIRIN TABLETS increased in the past three years by OVER 50%.

HOWARDS & SONS LTD. Est. 1797 ILFORD LONDON

September 8, 1934

GIAY CHARLIN

The purest quality on the market .



produced by

THOMAS HEDLEY CO. LIMITED, TRAFFORD PARK

with the most modern distilling plant in existence.

INDUSTRIAL WHITE

PALE STRAW

SOLE DISTRIBUTORS: Fredk. Boehm Ltd., 17, Jewry St., London, E.C.3. and 140, West George Street, Glasgow.

May we quote you for-

CHEMICALLY PURE B.P.

Pea Crystal and Feathery

Needle Crystals, Medium, Exsiccated

All grades conform to the new 1932 B.P. Standard Special Crystals matched and any degree of exsiccation to order.

Packed for Home and Export.

LIQUOR FERRI PERCHLOR FORT. B.P. HARRIS, HART & Co. Ltd.

MOSS HOUSE CHEMICAL WORKS, BLACKLEY, MANCHESTER.

Telegrams: Telephone: Cheetham Hill 2853 Harp, Blockley, M/c. town mitters m Eftfff |

FINEST QUALITY NOT LESS THAN

EVERY (HEMICAL & INDUSTRIAL USER SHOULD APPLY for CURRENT PRICES & CONDITIONS to

ANTONY GIBBS & SONS

22 BISHOPSGATE, LONDON, E.C.2

representing

CORPORACIÓN de VENTAS de SALITRE y YODO de CHILE ASOCIACION de PRODUCTORES de YODO de CHILE

DISCRIMINATING PHARMACIST always uses

> WESSANENS PRIME CACAO BUTTER

B.P. Quality

It is unequalled for the preparation of suppositories, pessaries, bougies, emollient ointments, etc. Being free from adulterants and having a low melting point it can be relied on for all pharmaceutical purposes. Now supplied in ½ lb. Tablets.

:: :: KEENLY COMPETITIVE IN PRICE :: ::

Your usual Wholesaler can supply or you can get direct quotations from

PRESCOTT

12 Broom Lane, Broughton Park, MANCHESTER

ALKALOIDS

CHEMICALS FINE AND DERIVATIVES

Goods covered by Dangerous Drugs Acts offered subject to all regulations

Aloin · Atropine · Bismuth Salts · Caffeine · Cantharidin Capsicin · Chloroform · Chrysarobin · Codeine · Diamorphine Emp. Canth. Liq. · Ephedrine · Ergotin · Eserine · Ethylmorphine · Gingerine · Hyoscyamine · Jalap Resin · Leptandrin Morphine · Opium · Podophyllin Resin · Salicin · Santonin Scammony Resin · Strychnine · Veratrine and other Pharmaceutical Chemicals and Preparations.

SMII

Blandfield Works, Edinburgh, 32-34 Virginia St.,

25 CHRISTOPHER STREET, LONDON, E.C. 2 Glasgow

HEWLETT'S LYSOL

Of guaranteed strength and miscible with water

"Possesses a higher germicidal value than carbolic acid and probably nearly three times as high."—The Lancet.

SUPPLIED BEARING YOUR OWN NAME AND ADDRESS ON ORDERS OF 3 DOZEN BOTTLES.

In amber bottles with full directions and antidotes printed on coloured cartons and labels.

Net Price: In 4-oz. bottles, 4/- per doz.; 8-oz. ditto, 6/6 per doz.; 16-oz. ditto, 10/6 per doz.; Without cartons, wrapped in red transparent paper, 3d. per dozen less on all sizes.

Speciall Prices for Bulk.

Specially Prepared by

C. J. HEWLETT & SON, LTD.

35-42 Charlotte Street, and 83-85 Curtain Road, LONDON, E.C.2

EPSOM SALTS

Commercial and B.P. Qualities also Powdered

Glauber's Salt Commercial and B.P. Qualities and Desiccated

Zinc Sulphate Commercial and B.P. Qualities

Zinc Chloride Fused, Granulated and Liquid

WILLIAM & CO., LTD. Holland Bank Chemical Works

CHURCH LANCASHIRE

Hyposulphite of Soda Pea Crystals

Lead Arsenate Paste and Powder

Precipitated Sulphur WEED KILLER

A list of our general Technical Chemicals sent on application

BURNSIDE'S AUSTRALIAN EUCALYPTUS

(Shipped by W. K. BURNSIDE PTY., LTD., 34/36 JEFFCOTT STREET, MELBOURNE)

ALL B.P. GRADES

70/75 % B.P. A specially rectified Oil of high and very uniform Quality

Packed in Cases and Drums

80/85% B.P. Distilled from E. POLYBRACHTEA uniform Quality STOCKS IN LONDON The finest B.P. Oil obtainable All Grades can be relied upon to be Constant in Quality, Odour and Colour

15 PHILPOT LANE LONDON, E.C.3

AGENTS FOR U.K.

'Phone: ROYAL 4561/3

WHOLESALE ONLY

WILSON & MANSFIELD, Ltd. 'Grams: WYFIELD, LONDON



S for the Throat and Voice

Registered Trade Mark.

Sold in tins $4\frac{1}{2}d$. and 1/6 each.

WHOLESALE TERMS ON APPLICATION

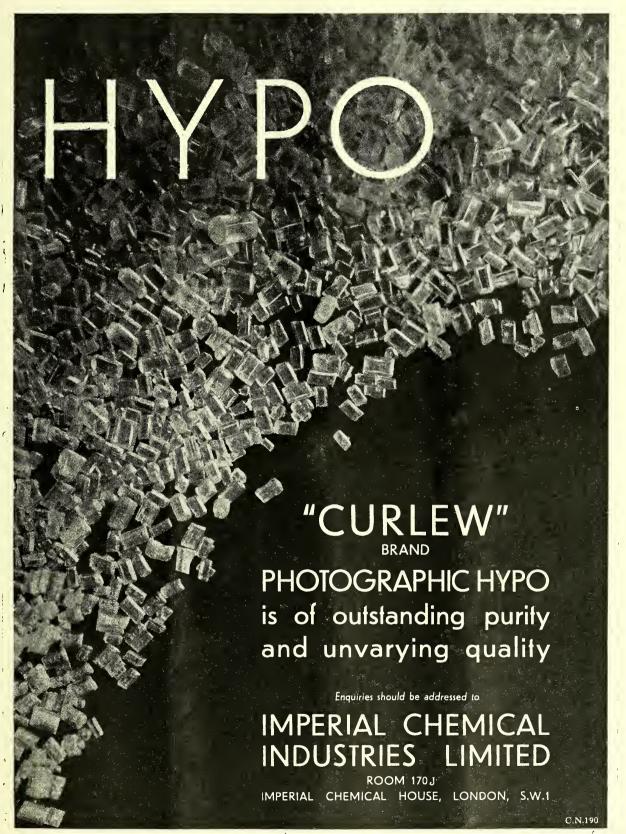
Sole Makers: FERRIS & CO. LIMITED. BRISTOL

The Chemist's Brand LIQUORICE JUICE

SOLAZZI JUICE IS GUARANTEED TO CONSIST ENTIRELY OF THE CONDENSED EXTRACT OF FINEST CALABRIAN LICORICE ROOT WITHOUT ANY ADMIXTURE WHATEVER

Should any enquiry as to the composition of SOLAZZI be received from the public, Chemists are asked to emphasise the fact that SOLAZZI is not included in the category of Secret Remedies, and that the accompanying guarantee obtains with every parcel.

Roura & Forgas 14 SEETHING LANE, GT. TOWER ST. LONDON, E.C.3 Send your Enquiries to the Sole Importing Buyers for the World of MINAS de ALMADEN, MADRID. MONTE AMIATA, S.A.M. ROME R. MINIERA DI IDRIA, TRIESTE. STABILIMENTO MINERARIO Del SIELE, LEGHORN SOCIETA MERCURIFERA ITALIANA, ROME





THIS HOUSEHOLD REMEDY HAS A BIG SALE



Retails at 1/3 and 3/in powders or tablets

Single Powders **2d.** each For HEADACHE NEURALGIA

AUTUMN CHILLS RHEUMATISM LUMBAGO from your

usual wholesaler or write direct

SHOWCARDS & DISPLAY MATTER

SCIATICA

Sent upon application to Cephos Ltd., Blackburn, whether you obtain supplies from us or elsewhere.

Cephos Ltd. Blackburn

PARAFFINUM LICUIDUM BR OLEUM (D) OLIVAE

GETHUREYESON UUTU MORUS

.35,893

known Renipas users to date, being 1,404 more than when we advertised 4 weeks since. Also 13,758 more since our first advertisement October 1932, being 62% increase in 23 months. These figures speak for themselves, Mr. Chemist, they are the hest reason for putting Renipas on your shelves, we find the customers, don't turn away sales.

RENIPAS

Buyers in your district are yours for the taking.

Renipas is stocked by principal Wholesalers such as:—Barclays, Brooks & Warburton, Butler & Crispe, May Roberts, Sangers, Suttons, (Aberdeen) William Paterson, (Birmingham) Hedges, (Bristol) Ferris, Hodders, (Derhy) Daniels, (Edinburgh) Raimes Clark, (Glasgow) Cockhurns, T. & H. Smith, (Hull) Lofthouse & Saltmer, (Leeds) Goodall Backhouse, Hirst Brooke & Hirst, (Leicester) Butler, Clark Nettleship & Bailey, St. Dalmas, Wands, (Liveroool) Ayrton Saunders, Evans Lescher & Webl, Sumner, Thompson, (Manchester) Wooileys, (Newcastle) Hall Forster, (Preston) Barnes & Crompton, (Sheffield) Gilhert Jackson, (Swansea) Rowland James, (York) Raimes, (Belfast) McMullan. International Chemical Association, 69 Fleet St., London, E.C.4-

NEW PRICE RANGE CONVENIENT FOR ALL

Nic-o-cin Announce the 1/3 Tin

Just over a year ago NIC-O-CIN, the only known neutralizer of Nicotine, was introduced to the trade, to retail in two sizes, price 6d. and 2/6.

A large number of chemists came in on this profit-making line from the start. They realised that NIC-O-CIN is a unique product, a line without competition, and a positive need of every smoker. Continuous and ever more frequent repeat orders indicate that NIC-O-CIN has justified itself. Both the 6d. and 2/6 sizes have found a ready market.

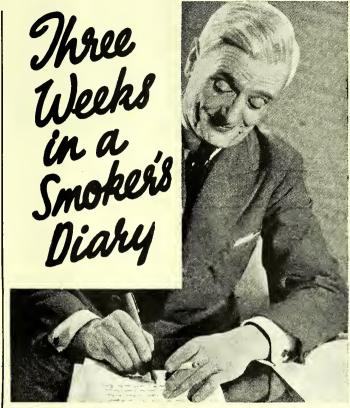
Now NIC-O-CIN Ltd. announce an intermediate size, retailing at 1/3. This has been done in response to continual requests from regular users of NIC-O-CIN and from managers of retail shops who are constantly in touch with the purchasing public. NIC-O-CIN is now obtainable in a size convenient for every smoker.

Remember to tell your customers what they save by buying the larger sizes. The 6d. tin contains 7 pastilles; the 1/3, 20; and the 2/6, 42.

EXTENSIVE ADVERTISING CREATES BIG DEMAND

The advertisement on the right is one of the series of large space announcements appearing regularly in the national and provincial press. The new dramatic photography which characterises this colossal advertising and publicity campaign is making smokers everywhere "NIC-O-CIN conscious."

In addition, posters, sponsored programmes by radio, booklets, window and counter display material supplied to dealers, are all driving home to smokers in every part of the country their personal need of NIC-O-CIN, which Neutralizes Nicotine, and Keeps Smokers Fit.



FIRST WEEK ...

SECOND WEEK..

THIRD WEEK ...

NIC-O-CIN IS OBTAINABLE FROM ALL CHEMISTS AND STORES

6d., 1/3 & 2/6

"Was advised to try Nic-o-cin. Ate one pastille on Monday night and have continued each night since. Believe the effect is doing me good."

"Still continuing with Nic-o-cin, One pastille last thing at night. Feel appreciably fitter during the past two weeks."

"Took some time to make up my mind about Nic-o-cin, but no further doubt. Its effect is distinctly beneficial. Am smoking as much as ever, with more enjoyment, and have not felt so fit for many years."

If you are a smoker yourself, give NIC-O-CIN a trial. You will enjoy your smoking more and will be able to recommend NIC-O-CIN from personal experience.



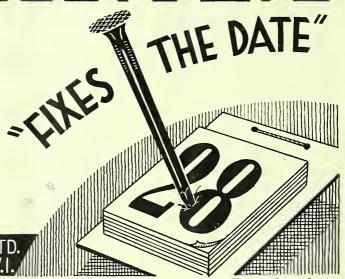
TOTAL EXTRACT OF OYARY

MENOPAUSAL DISORDERS **AMENORRHOEA** DYSMENORRHOEA **OLIGOMENORRHOEA**

Bottle containing approx, 280 drops 240 mouse units

RETAIL PRICE

CONTINENTAL LABORATORIES LTD. 30, Marsham St. London S.W.I



Taxolabs, Sowest, London.



Ten million people every month

buy the newspapers and women's journals con-taining "Town Talk" Advertisements which tell readers the superlative qualities of "Town Talk," also that it is sold by Chemists. it is sold by Chemists.

That is why stockists do not have to sell "Town Talk"—
they are asked for it.
Order the "Town Talk" 5
selling repeat-order lines. They give a generous profit.
Additional "TOWN TALK" Sales
Helps supplied free on request. Showcards, Window Displays, Samples, Leaflets, Cinema Slides, Blocks for own advertising.

advertising.

TOWN TALK POLISH Co., M A N C H E S T E R

You do not have to sell 'TOWN TALK.' Women BUY

ORDER DIRECT OR FROM:

James Woolley Sons & Co., Ltd., Manchester Ayrton, Saunders & Co., Ltd., Liverpool Brooks & Warburton, Ltd. Goodall, Backhouse & Co., Leeds May, Roberts & Co., Ltd., London

URICURE TABL

Greatest of all Rheumatic Remedies 13 SIZE 7 DOZ , 3 SIZE 176 . 5 - SIZE 25 ASH VALE, SURREY THE ACTON PILL & TABLET COLTE

BLYTON, ASTLEY & CO. LTD. Eagle Laboratories, Lr. Broughton, Manchester,

LOZENGES, PASTILLES, "MENTHELLS," and Ouick-Selling SPECIALITIES.

The Antacid Digestant

(Regd. Trade Mark) Invaluable for

INDIGESTION, DYSPEPSIA, HEARTBURN, ACIDITY, FLATULENCE, etc., etc.

BiSoDoL is recommended by Doctors, Dentists and Nurses throughout the Country. Now available in three sizes 1/3, 3/-, 4/9.

BiSoDoL LTD. 12, Chenies Street, London, W.C.1.

AQUILOX TONIC TABLETS

is the new name under which our SEAWEED TONIC TABLETS are being sold in future. This name will be nationally advertised in leading journals from this month onwards. AQUILOX Tonic Tablets are the outcome of 30 years' experience, and until now have been distributed mostly to Doctors and Institutions.

THE PUBLIC WANTS THEM

Sales are growing because AQUILOX Tablets have already proved their effectiveness. Here is the formula, which shows you that AQUILOX is a natural and safe remedy:—

Ulva Latissima, Rhodymenia Palmata, Laminaria Stenophylla, Chondrus Crispus aa 20%, Laminaria Digitata, Fucus Vesiculosus aa 10%.

AQUILOX Tablets are obtainable through your wholesaler.

3 sizes—Retail 2/6; 4/-; 7 6. Liberal trade terms and special display bonuses. Send for details, or visit our stand at the Exhibition.

VISIT OUR STAND NO. 18A CHEMISTS' EXHIBITION



CRESCENT PREPARATIONS CO. LTD. EXHIBITION 27 Old Bond Street, London, W.1.

Telephone : Regent 1524

There was an old boy named
Dupont

Who suffered from Colds — off and on

But now, bless your life
He's grown wise — so's his wife

They both take **BESORBON**

Trés bon!

ARCHANIUM

RECOGNISED BY MANY DOCTORS AS THE

BEST REMEDY for RHEUMATOID ARTHRITIS, OSTEO-ARTHRITIS, LUMBAGO, SCIATICA, NEURITIS, RHEUMATISM.

Liberal Terms.

Write for full particulars to Distributors:
STAPLETON & SON, 34 Yew Tree Road,
SOUTHBOROUGH, Kent.

Rep. in Ireland: R. I. VINT, 6 Elgin Rd., Dublin



PINEATE' HONEY SYRUP

You can easily clear any existing small stocks of 'Pineate' brand Honey Syrup by making a window display and recommending to those early autumn cough and cold afflicted customers. Then you will be able to take full advantage of this season's Special Bonus Offer.

Proprietors: Bismag, Limited, London.

Distributors: International Chemical Co.
Ltd., Braydon Road, London, N. 16



THEY SELL BECAUSE THEY EXCEL REMEMBER THE NAME SPUN (REGD.) WHEN ORDERING BULK OR PACKED OINTMENTS HOP 2422 (Private Exch.) Telephone: "Ushenspuna London." ROBI BLACKIE 168 TOWER BRIDGE RD., LONDON, S.E.I.

to increase your DAILY PROFITS



Geecham's
Geecham's
Geecham's
Geecham's
Geecham's
POWDERS

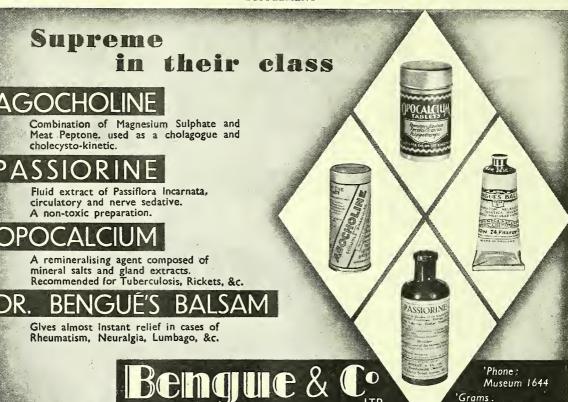
Order | Now | You will increase your daily profits by keeping Beecham's Pills and Beecham's Powders before the public. Display them on your counter—in your window—about your shop. Our advertising creates the demand and we regard everyone as a potential customer. Every modern and progressive chemist realizes that under existing conditions it is essential that his business premises function busily for 300 days of the year, and, consequently he must stock and push goods that sell on each of those 300 days—in other words he must concentrate on the DAILY SELLERS

BEECHAMS PILLS, LTD. ST. HELENS, LANCASHIRE.

Museum 1644

"Anestile, London"

'Grams .



24 FITZROY ST., LONDON, W. I.



ATLAS ATOMIZER No. 20 Price 30/- per doz. A compact, durable and dependable nasal atomizer for either oils or aqueous solutions.

ATLAS ATOMIZER No. 29

Price 40/- per dozen Gives a continuous spray with oils or aqueous solutions. Does not drip.

With all their advantages DeVILBISS Atomizers are reasonably priced. They are ABSOLUTELY GUARANTEED and will be repaired or replaced free of charge if found unsatisfactory.

Conspicuously displayed, DeVILBISS Atomizers sell themselves and their use stimulates the sale of solutions The name DeVILBISS stands for all that is best in Atomizers. DeVILBISS means reliability, sound workmanship, long life and correct design gained by more than 42 years' experience in the manufacture of Atomizers to meet every requirement of the medical profession.



ATOMIZER No. 15 Price 58/- per dozen

Nose and throat Atomizer for either oils or aqueous solutions. Adjustable tip permits spraying in any direction.



ATLAS ATOMIZER No. 25 Price 30/- per dozen

Continuous spray atomízer for either oils or aqueous solutions.

AEROGRAPH COMPANY LIMITED

43, HOLBORN VIADUCT, LONDON, E.C.1.

Sole Distributors of DeVilbiss Products in the United Kingdom.

A BIG EVENT FOR CHEMISTS— BONUS on 'ASPRO' 5's

'ASPRO' progress continues. Again during the past financial year all sales records have been broken. In no small measure this is due to the support and co-operation given to our publicity by chemists who have made continuous and practical use of our window displays and sales aids. Economic considerations have, in the past, prevented us from giving a bonus on 'ASPRO' 5's. Increased sales, however, have considerably reduced our overheads so we are now happily in a position to satisfy the repeated requests of our chemist friends for a bonus on the Unstamped 'ASPRO' 3d. size. We therefore announce that

A BONUS OF HALF A DOZEN PACKETS OF 5's ON EACH HALF-GROSS ORDER IS NOW GIVEN ON THE SAME TERMS AS OTHER SIZES.

This makes the chemists' profit on 5's the same as on 10's. Order your 'ASPRO' now and take advantage of this valuable concession.

Write us for a window display, too, and show it continuously. It will connect you up with our record-breaking advertising campaign and bring customers into your shop just as though you had paid for the advertisements yourself.

HERE IS OUR CURRENT DISPLAY



Agents:
GOLLIN & CO. PTY. LTD.
('Aspro' Dept.), SLOUGH, Bucks.
Telephone: SLOUGH 608

ASPRO consists of the purest Acetylsalicytic Acid that havever been known to Medical Science, and its claims are based on its superiority.

Made by ASPRO LTD., Slough, ENGLAND

No proprietary right is claimed in the method of manufacture or the formula.



Sir NYNES the best of your lines

See that you stock Sir Nynes, the best seller amongst winter pastilles. Sold in 3d. and 6d. airtight tins, or loose at 2d. per ounce. Order now.

FREE DISPLAY BOX



Printed in attractive colours for counter or window displays

SHERWOOD CONFECTIONERY COMPY., Forest Works, Worksop

MASON'S EXTRACT OF HERBS

May we have the pleasure of sending you particulars of our Window Display Scheme?



NEWBALL & MASON

LIMITED NOTTINGHAM

Are you stocking

YESTAMIN?

Dried Yeast in its most valuable and most convenient form—powder and tablets. Generous terms and good discounts. Write today to:

THE ENGLISH GRAINS Co. Ltd., Shobnall Road, Burton-on-Trent



ALL CHEMISTS SHOULD STOCK

ABDINE

THE GOLD MEDAL HEALTH DRINK. Quick Seller, Big Profits.
Over 60 years' Reputation. "Abdine" is obtainable from the Wholesale
Houses. Attractive Display Material constantly available.

DUNCAN MCGLASHAN LTB., ABDINE WORKS, WESTFIELD RD., EDINBURGH

AN OLD-FASHIONED-BUT REALLY EFFECTIVE remedy for COUGHS, COLDS, IN-FLUENZA and BRONCHIAL troubles



TERMS

10½d, size, 8/6 per doz.

1/3 " 12/- "

3/- " 27/- "

Less 5% dis. on £6 orders.
Carriage paid on orders of
£2 and over.

MANDALL & CO. Ltd., 17/23 Stepney Rd., Newcastie-on-Tyne



Castury's BOURN-WITA

THE NEW FOOD-DRINK



Increasing Sales!



WHITE, LEMON, YELLOW, AMBER, RED, GREEN.

WHITE & COLOURED OILS

YELLOW, GREEN, RED FOR BRILLIANTINE, etc.

LIQUID PARAFFIN

COLOURLESS, TASTELESS, ODOURLESS.
ALL SPECIFIC GRAVITIES.

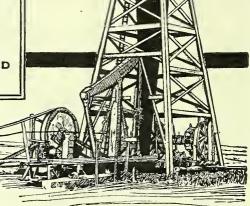
B.P. AND TECHNICAL QUALITIES

Wholesale Trade only.

STERNS LTD.

16 FINSBURY SQ., LONDON, E.C.2, ENGLAND

Telephone: NATIONAL 7644 (7 lines)
Telegrams: "CENTUMVIR, PHONE LONDON."



RIVISTA ITALIANA DELLE ESSENZE E PROFUMI

(Affiliated to the Technical Press Association)

SIXTEENTH YEAR OF PUBLICATION

Official Organ of the Group of Producers of Aromatic Substances of the National Fascist Federation of Chemical and Allied Industries.

Director: - - Dr. EMMA FENAROLI Editorial Offices: - VIA S. VINCENZO N.38 MILAN

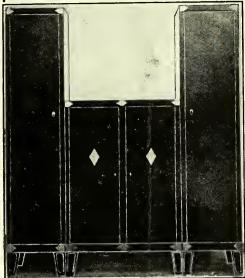
Telephone: 31 216-C.P.850

Producers of Aromatic Substances for Perfumery—Manufacturers of Articles used in the Perfumery Trade—This is the Periodical in which to Advertise effectively in Italy.

MAKE USE OF ITS ADVANTAGES

SAMPLE COPY AND TARIFF ON REQUEST

STEEL CABINETS by CORFIELD



S.F. 52 Fitted Shelves.

Hanging Cupboard.

SIZE Overall length 55½". Overall height 64½". Side Cabinets 14" × 13" deep. Centre Cabinets 27½" × 42"× 13" deep.

S.F. 50 30/-

S.F. 51 30/-

S.F. 52 30/-

These handy pressed Steel Cabinets in attractive colours are most suitable for Chemists and Dispensaries.

Write for particulars of other Merton Furniture to

Messrs. CORFIELD LTD., Merton Abbey, S.W.19

Hygienic Bathroom Seat.

Cork top which lifts Up.

Soiled linen container underneath.

Size $17\frac{3}{4}$ " \times 22" \times 11" deep.

Price 19/6d.



S.F.10

HOT WATER BOTTLES

HANCOCK'S HANDMADE HOT WATER BOTTLES are built for service under the most exacting conditions. Only the strongest fabric and the best quality rubber are used. The seams are specially reinforced and solid stoppers are fitted.

There is 120 years' experience behind each bottle. Made in Red or White.

Hancock's are also manufacturers of the finest quality Moulded Bottles in varieties of colours plain or marbled.

Write for name of Stockists.

JAMES LYNE HANCOCK LIMITED

THE FIRST RUBBER FACTORY IN THE WORLD 266 GOSWELL ROAD, LONDON, E.C. 1

FOUNDED 1820
Grams: Masticator, Barb, London

BLUE CARTON CRÉPE BANDAGES

The Blue Carton, prominently displayed in the window or on the counter will increase your crôpe bandage sales enormously A P.A T.A. LINE with FULL 333 PROFIT.

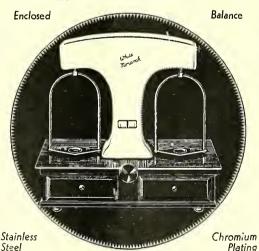
From leading wholesalers.

Sole manufacturers: Grout & Co. Ltd. 35 Wood Street, London, E.C.2.



Your Dispensary deserves

The Modern "White Monarch"



Entirely protected from dust and fumes by the white porcelain enamelled housing. Strongly made to with-stand hard usage and yet retain its sensitivity

Ask your Sundries House to show it to you and judge for yourself

WILLIAM A.WEBB, Ltd., 4/5 Skinner St., London, E.C.1



IOHNS, SON & WATTS, LTD.





JOHNS, SON & LIMITED / 40 CITY ROAD,

> Telephone: Clerkenwell 1128 Telegrams: Johns, Phone, London.



You need only stock the full range of Southalls Sanitary Towels to satisfy the needs of the vast majority of your customers.

- "ORIGINAL," most popular.
- "CELTEX," soluble.
- "K," made entirely of absorbent cotton wool, with very soft cover.
- "COMPRESSED," for Travelling.

Southall Bros. & Barclay Ltd., Birmingham



From the usual Wholesalers or direct— HOBSON

TRIMBLE 0 & CO. LTD. 11 Union St., ©
LEEDS. ©

GRAIFIX - HYGIEN Reg. Pat.

Power

first class hygienic rubber, antiseptic moist prepared, never gets dry. Especially made for tropical climates.

Samples and prices from

GRAIFIX (London) AGENCY Napier House, 24-27 High Holborn, LONDON, W.C.1

Regd.

Patent No. in Great Britain 221761/1924 and patented in all the principal foreign countries. Patent Rotating Canister packing to retain aseptic conditions. In use, only the amount required is withdrawn and cut off. The remainder is not exposed

GAUZES.

Minimum Minimum Trade Prices Per Doz. Public Prices Each 6-yd.3-yd.1-yd. 6-yd.3-yd.1-yd.

Minimum Minimum Plain Absorbent 1/10 1/2 -/8½ 16/6 10/6 6/5

Double Cyanide 2/1 1/4 -/9½ 18/2 11/4 6/5

LINTS. PLAIN and BORIC.

Min. Public Min. Trade Prices 6/3 doz. 9/4 " 13/9 " Prices 2 in. wide 8½d. each 4 " 1/1 " 1/6 " 4 "

Sal Alembroth Sublimate Carbolic

2/0 $1/3\frac{1}{2}$ -/9 17/10 11/2 6/4

Iodoform 5% 2/10 1/8 -/10 25/6 15/- 7/7 ORDER THROUGH USUAL WHOLESALER.

ROBERT BAILEY & SON LTD., Marriott Street Mills, STOCKPORT 'Phone: Stockport 2794 and 4166. London Office: Sentinel House, Southampton Row, W.C.1 Wires: "Undisputed, Stockport."





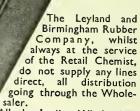
A MOVING PICTURE STORY FOR THE M.P.S.



For the coming season these bottles are to be sold at 2/11 each retail, 12 ins. \times 8 ins. size. There is no increase in price to the chemist, who will, therefore, enjoy a larger profit than hitherto. Sell the Pharmal Bottle—the tried and proved product backed by a guarantee.

THE LEYLAND & BIRMINGHAM RUBBER CO. LTD
"Pharmal" Products Dept.
LEYLAND :: :: LANCS.

Each bottle packed in an attractive display carton.



All the leading Wholesalers stock Leyland lines, which can be supplied per return.





JAMES WCOLLEY SONS & CO. LTD.
VICTORIA BRIDGE, MANCHESTER

W34

SELLI

DISPLAY MATERIAL ON REQUEST

A Product of THE BRITISH DRUG HOUSES LIMITED, LONDON, N.I.

CHEMIST AND DRUGGIST

This Supplement is inserted in every copy of The Chemist & Druggist

SEPT. 8. 1934

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time. BUSINESSES WANTED and for DISPOSAL, PREMISES TO LET and FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS for SALE and AGENCIES—6/- for 50 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

SITUATIONS OPEN-6/- for 40 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

SITUATIONS WANTED-2/- for 18 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)

LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announce-ments, 1/3 per nonpareil line (12 lines=1 inch single column). (Box No., 1/- extra.) MISCELLANEOUS (Wholesalers') Section for odd and second-hand lots—10/for 60 words; 1/- for every additional 10 words or less. (Box No., 1/- extra.)

EXCHANGE COLUMN (for Retailers, etc.)—Twopence per word, minimum 2/-. (Box No., 1/- extra.)

THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2 Telegrams: "Chemicus, Estrand, London." Telephone: Central 6565 (8 lines).

CLOSING FOR PRESS

All advertisements intended for insertion in this Supplement

must reach us not later than FIRST POST THURSDAY MORNING

HILL, 56 LUDGATE ORRIDGE & CC

ESTABLISHED 1846 Telephone Nos.: CITY 2283 & 7477
May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

r.—LONDON, S.W. (SUBURBAN).—Family retail business, with photographic and N.H.I.; established 35 years; increasing turnover last year being £1,550 under management; shop nicely fitted and fully stocked; comfortable living accommodation; rent £78 per annum; long lease; price £1,100, or valuation terms considered.

2.—VICTORIA (NEAR).—Middle-class family retail and dispensiousiness; established over 40 years; returns, under management, over £2,000 per annum; net profit to owner-manager about £500-£550 per annum; long lease; reasonable purchase price.

3.—LEWISHAM (NEAR).—Light retail business; established r822; returns over £1,400 per annum; net profit £250; stock and fixtures worth £500; very low rental; price, all-at, £600; genuine reason for sale.

sale.
4.—EAST HAM (NEAR).—Middle- and working-class trade, with Kodak and N.H.I.; established 30 years ago by the late proprietor; returns, under management, over £2,500 per annum; net profit to owner-manager about £600 per annum; accountant's figures; spacious accommodation; rent £80 per annum; long lease; price £1,550 or near offer; widow would like to sell before winter.
5.—NEAR ST. PAUL'S.—Cash City trade; returns approximately £2,000 per annum; increasing; excellent profits; price, all-at, £550 or near offer.
6.—NORTH LONDON DRUG AND PHOTOGRAPHIC STORES.—

-NORTH LONDON DRUG AND PHOTOGRAPHIC STORES Established 1890; net profit approaches £300 per annum; comfortable living accommodation; premises could be purchased or leased; great scope for panel; price £250 plus valuation.

-CHALK FARM (NEAR).-Working-class business, with Kodak and N.H.I.; returns over fr,150 per annum, under management; stock and fixtures worth f450; low inclusive rental; price f600 all-at.

8.—ISLINGTON.—Middle and working-class business; much glected; returns, present rate, only £12 per week; have been over o; stock and fixtures worth £400; rent entirely let off; no reasonable neglected: offer refused.

9.—CATFORD (NEAR).—Cash drug store in thickly populated area; established 60 years; net profit nearly £5 per week; stock and fixtures worth over £300; price, all-at, £350.

ro.—WEYBRIDGE (NEAR).—Family business, with prescribing; returns £20-25 per week; living accommodation; rent £104; price, all-at, £550 or near offer.

11.—SURBITON (NEAR).—Good-class retail business; established 70 years; much neglected turnover; last year £1,610; gross profit £653; stock and fixtures worth about £800-£850; commodious accommodation; reasonable rent; price for immediate sale £1,000; vendors are prepared to spend £50 on the premises for a purchaser.

12.—EASTBOURNE (NEAR).—Family retail business, with N.H.I. and excellent prescribing connection; returns £1,350; net profit £400; living accommodation; rent £85; long lease; price £300 plus valuation of stock and fixtures.

of stock and fixtures.

niving accommodation; rent £05; long lease; price £300 pius valuation of stock and fixtures.

13.—EAST MIDLANDS.—General retail and photographic business; established over 50 years; under management for the last ten years; returns £1,500; stock and fixtures estimated by vendors to be worth £950; rent £150; sublet £99; no reasonable offer refused.

14.—KENT COAST.—Drug store, under the management of a lady; vastly increasing turnover; present rate well over £20 per week; good living accommodation; low rental; open to offers.

15.—KENTON (NEAR).—Good-class business, with photographic and dispensing; returns over £2,350; gross profits 35 per cent.; stock and fixtures worth about £750; accommodation if required; rent £150; long lease; price for lease and goodwill about £300.

16.—BRIGHTON (NEAR).—Good-class dispensing business for sale owing to ill-health; returns £1,500; net profit about £400 per annum; low rental; long lease; price, all-at, £1,150 or near offer.

17.—READING.—Branch business for disposal; returns £1,170 under management; net profit £35; rent £85; sublets 35s. 6d. per week; lease; price about £600.

18.—BIRMINGHAM (NEAR).—Cash drug store, suitable for qualified; returns, present rate, £10 to £12 per week; net profit £3 per week; com-

r8.—BIRMINGHAM (NEAR).—Cash drug store, suitable for qualified; returns, present rate, £10 to £12 per week; net profit £3 per week; comfortable living accommodation if required; price, all at, £350.

19.—HASTINGS (NEAR).—Good middle-class cash drug store, with photographic; in present hands 10 years; returns, under management, approach £1,100 per annum; living accommodation if required; rent of shop 25s. per week inclusive; price, all-at, £575.

20.—CARDIFF (NEAR).—Cash retail and photographic business; returns £40-£45 per week; established 35 years; rent £98; lease; this is an opportunity of obtaining a business at a "snip" price; no reasonable offer refused.

21.—LANCASHIRE.—Middle-class retail business, with wine licence; returns, under management, £1,547; stock and fixtures worth £500-£550; rent £34 per annum; price, all-at. £550 or near offer.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.



(Cr) LONDON, N.W. (Death Vacancy).—Old-established high-class dispensing business; turnover approximately £2,000 per annum, with excellent scope for further increase; living accommodation; reasonable purchase price.

(C2) LONDON, S.W.—Exceptional opportunity to acquire main-road business, showing a turnover of approximately £3,400 per annum, including some wholesale trade, at a very low figure; excellent scope, as the position is particularly good; approximately £400 may be sufficient to purchase; details upon application.

details upon application.

(C3) LANCS.—Extensive high-class business, situate in prominent industrial town; turnover approximately £3,000 per annum; rent £150; price £700 for goodwill, plus value of stock and fixtures.

(C4) GLOUCESTER.—Good toilet and dispensing business, with living accommodation; turnover approximately £2,000 per annum; net profit about £400; no near opposition; good scope for further development; price by arrangement.

(C5) NORTHANTS.—Attractive modern pharmacy, with up-to-date house above; turnover approximately £1,700 per annum; net profit upwards of £450; rent £104; lease 21 years; price £800, including stock £400.

stock £400.

(C6) BRIGHTON.—Pharmacy, with good living accommodation, situated in leading business thoroughfare; present turnover approximately £1,100 per annum, with abundant scope for further development; price to comprise value of stock and fixtures only; offers considered.

(C7) UXBRIDGE (NEAR).—Unopposed business, situated in rapidly growing residential area; turnover approximately £1,100 per annum; living accommodation; reasonable rental and purchase price.
(C8) PLUMSTEAD.—Lock-up pharmacy, situated in thickly populated area, can be acquired for the value of stock and fixtures only; turnover for 1933-34 financial year, £1,530; reasonable rental; details upon application application.

(Co) SURREY.—Good middle-class business, situated in growing residential area; present returns approximately £25 per week, with excellent scope for increase; modern house with all conveniences; price by arrangement.

(Cro) SHEFFIELD (NEAR).—Cash business, with large N.H.I.; turnover approximately £1,000 per annum; excellent scope for increase; good living accommodation; no opposition; low purchase price.

(C11) KING'S CROSS (NEAR).—Established retail business, with good N.H.I.; main-road situation; net profit for 1933-34, upwards of £400; exceptionally low rental; price £1,000, including stock £500. (C12) MANCHESTER SUBURB.—Established retail business, occupying prominent main-road position; turnover upwards of £1,850 per annum; rent £135, including living accommodation; excellent scope for further development; reasonable purchase price. (C13) BRIGHTON.—Established main-road business, with excellent prospects; present returns approximately £1,000 per annum; not seasonal; low rental, including living accommodation; price £650 or offer, including stock, approximately £450. (C14) EALING (NEAR).—Lock-up pharmacy, situated in populous residential area; turnover approximately £26 per week, and steadily increasing; rent £78 per annum; price £750; living accommodation near by if required. (C15) SUURREY.—Rapidly increasing business, with particularly good prescribing connection; present returns approximately £25 weekly; rent £104 per annum, including small house, with bathroom and garden; excellent opening for optics; price £550. (C16) SOUTHPORT (NEAR).—General retail business, with living accommodation; present returns approximately £800 per annum; net profit £250; rent and rates approximately £64; price £300. (C17) VICTORIA (NEAR).—Jock-up pharmacy, situated in busy thoroughfare; present returns about £18 per week, with abundant scope for development; reasonable purchase price, amounting to little more than the value of stock and fixtures (approximately £375). (C18) LONDON, N.—Attractive modern pharmacy, situated in busy shopping thoroughfare; present turnover approximately £20 per week; sub-post office on premises; excellent flat with all conveniences; abundant scope for increase; price £750 all-at. (C19) NORFOLK.—Old-established dispensing, etc., business, with large self-contained house attached, at present sublet; turnover approximately £700 per annum; rent £120; price £1,350, including stock £700. (C20) LONDON, N.

BERDO FISH

CHEMISTS' VALUERS AND TRANSFER AGENTS,

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations.)

1.—SOUTH COAST.—Light Family Dispensing and Retail, in main-road position, pleasant seaside resort; turnover exceeds £2,000; good prospects for further increase; attractive pharmacy, fully stocked; price £1,650 or offer; recommended.

2.—EAST COAST.—Sound Light Retail, showing steady increase; returns £1,370, gross profits a third; very attractive modern Pharmacy; stock and fixtures worth £580; price required £780.

3.—MANCHESTER.—Light Cash Retail, in rapidly growing district; present returns £20 to £22 weekly; has been neglected; good chance for smart proprietor; low rent; owner, coming South, will accept £350 for goodwill and fixtures, plus stock at valuation, approximately £150.

will accept £350 for goodwill and fixtures, plus stock at valuation, approximately £150.

4.—WESTCLIFF-ON-SEA.—Sound Progressive Cash Business; present returns £27 weekly; not season trade; steadily increasing; corner position; good flat over; moderate rent; price £800, or £350, stock at valuation; recommended.

5.—KENT COAST.—Cash Drug and Photographic Store; returns average £700; splendid chance for Chemist; growing seaside resort; no opposition; modern shop and house, garden, &c; price about £520; freehold can be purchased.

6.—SURREY (12 miles out).—Light Family Retail; no Panel; returns average £1,124; good profits; rent £32 10s., on lease; small house attached; double-fronted shop; well fitted and stocked; owner retiring; price £750.

7.—LONDON, S.W.—Good-class Business, in prominent main-road position; returns last year over £2,200 under manager; scope for increase; good house; long lease; excellent stock; price £1,400 or offer.

or offer.

8.—LONDON, E.C.—Good-class City Business, returning £1,550; plenty of scope; modern Pharmacy; fine position; genuine reasons for selling; price £550.

9.—WIMBLEDON.—Light Family Retail, with Photo; pleasantly situated; returns £950; no immediate opposition; rent £78; attractive shop, with house attached; stock and fixtures worth over £500; price £700 or offer; recommended.

Lowest Terms for Stocktaking

We are now booking up dates for September onwards, please let us quote for yours.

Estab. 1870.

Telephone: Terminus 3574.

THE ASSOCIATION OF MANUFACTURING CHEMISTS,

(Business Agency, Transfer & Valuation Department) KIMBERLEY HOUSE, and at EXCHANGE CHAMBERS, Holborn Viaduct, LONDON, E.C. 1 2 Bixteth St., LIVERPOOL. PARKIN S. BOOTH, Valuer. Tels.: CITY 3691 (4 lines). VALUATIONS. SALES OF BUSINESSES. STOCKTAKINGS.

Enquiries Invited.

S. F. CLARK, F.N.A.A. Prospect 3366 CHEMISTS' VALUER & TRANSFER AGENT 34 Marksbury Avenue, Richmond, Surrey

Valuations for sale, purchase, probate, and partnership purposes personally and confidentially conducted in all parts of the British Isles, at moderate charges.

Genuine businesses (all districts) for disposal.

JOHN BRIERLEY, F.N.A.A.

THE RECOGNISED CHEMISTS' VALUER & TRANSFER AGENT 135 Queen Street, Newton Heath, MANCHESTER "A reputation behind every transaction."

VALUATIONS, STOCKTAKING, BUSINESSES FOR SALE AND WANTED.
"Expert service" "Personal attention" (Tel.: Failsworth 1913)

THE ART OF DISPENSING Price 8s., by post 8s. 6d.

DISEASES AND REMEDIES Price 5s. net, by post 5s. 3d.

Published by "The Chemist and Druggist" 28 Essex Street, LONDON, W.C.2

Price lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

BUSINESSES FOR DISPOSAL.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

HARROW DISTRICT.—Fine modern Pharmacy, corner position, established nearly two years; takings this year at rate of £1,400 per annum, the business steadily increasing; delightful flat and garden; ample garage room; excellent stock and fixtures; Kodak agency; good N.H.I.; 21 years' lease; moderate rental; inspection invited; accountants' figures available; price £800. Reply 146/4, Office of this Paper.

LEWISHAM, S.E.—Main-road Chemists; capital shop, parlour and three rooms over; trade £14; long lease at £70 per annum; price £350, a.a. 248/891, Office of this Paper.

MANCHESTER (Suburb.)—An opportunity occurs to acquire a recently-opened Pharmacy at very reasonable price; present turnover small, but increasing; prospects good; Kodak agency; very suitable for young pharmacist (either sex); double-fronted shop, nicely fitted and well stocked; will accept value of stock (approx. £250) and considerably less than cost of fittings for quick sale; good reasons for selling; purchaser would require about £350 cash, balance by arrangement. Full particulars on application (prospective purchasers in Manchester district invited to call), Walker, Chemists, 524 Audenshaw Road, Audenshaw, Manchester.

SOUTH YORKS.—Busy mining district; no opposition possible; good living accommodation; cash trade; Kodak and Medicated Wines; N.H.I. about £25 monthly; a genuine opportunity. Further particulars apply 150/25, Office of this Paper.

STOCKPORT.—Well-established Chemists' on main road, doing good cash trade and over 1,000 N.H.I. scripts per month; splendid well-fitted shop; excellent opportunity. Apply Willan & Brooks, 80 Wellington Road North, Stockport. Telephone: 4723 Stockport.

PRANCH SHOP, SURREY.—Main London road, 30 miles London; established 2½ years; returns approx. £1,000; lock-up; rent £55; rates £10; long lease, with options; stock all good, £250; fittings new, £150; price £400 for quick sale; reason: too far from main shop. Apply Petitor, Oatlands Drive, Walton-on-Thames.

D.R. KNOX'S MEDICAL PRODUCTS, LTD.—For Sale, the goodwill, copyrights and formula relating to the Proprietary Medicines of the above, or alternatively the business will be sold as a going concern. For particulars apply to the Liquidator, P. R. Fowler, c/O Messrs. Mellor, Snape & Co., Chartered Accountants, 5 John Dalton Street, Manchester.

OPPORTUNITY.—Good-class Retail Chemist's Business; established 7 years; main High Street, busy thoroughfare; excellent shopping centre; all buses pass the door; population over 8,000; further 2,500 houses being erected in vicinity; large lock-up shop, with stockroom; good prospects if run by owner; at present under management; takings £1,000 (about) per annum, including N.H.I., which can be considerably increased by the right man; new lease granted; rent and outgoings moderate; very little opposition; stock, fixtures, utensils and goodwill £750 or near offer; part could remain; owner decided to sell; view Wednesday afternoon or by appointment. Further particulars 148/10, office of this Paper.

TO OPTICIANS.—A Growing Optical Business on main road in Manchester; established 4 years; average returns £680 per annum; good living accommodation; price £350, to include good fittings, up-to-date appliances and good stock; vendor has other interests. Annis Medical Agency, Ltd., 51 South King Street, Manchester.

BUSINESSES WANTED.

DEVON.—Chemist desires to purchase Genuine Business; country preferred; must stand investigation; audited figures required; living accommodation not essential; ample capital available; will manage with view to early succession; full particulars as to type of business, turnover, profits, &c., in confidence. Chemist, "Hill Crest," Sylvan Road, Excter.

AN excellent opportunity to sell your business privately to a Pharmacist; turnover to be £2,000 to £4,000; net profit to approach £500 or more; Drug Store entertained. 150/41, Office of this Paper.

BUSINESS required, takings about £35-£40; spacious shop, room for Optics; steady trade; genuine; or early view to succession; living accommodation; garden preferred, not essential; no agents. 150/51, Office of this Paper.

PRIVATE Chemist requires sound Established Business with a turnover of not less than £30 per week, without Optics; living accommodation preferred; accountant's figures for the last 3 years required. Particulars in confidence to 145/6, Office of this Paper.

COUND Business required in established or rising district; give fullest particulars when replying; state freehold or leasehold. D. Newman, Business and Estate Agents, 3 Sea Lane, Ferring. (No cheque or fees unless business is disposed of.)

PREMISES TO LET.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

MARYLEBONE CIRCUS.—Particularly fine Half Shop and large Mezzanine Floor to let at low commencing rent. Sole Agents, Hillier, Parker, May & Rowden, 27 Maddox Street, W.1. Mayfair 7666.

EXCELLENT Two-storey Workshop to let, close to Tulse Hill Station, about 1,600 super ft.; good yard with room for 2 cars and wide drive in; rent £75 per annum. Apply Montague F. Long, 46 Knights Hill, S.E.27.

APARTMENTS.

CHEFFIELD.—Apartments for gentlemen; private, comfortable, homely; modern house; open garage; board residence from 25s. week; high tea, bed and breakfast, 7s. 6d.; bed and breakfast, 6s.; excellent table; no extras; near Malin Bridge tram terminus. Wisewood Drug Stores, 140 Dykes Lane, Hillsboro'.

FINANCIAL.

CENTLEMAN, with 15 years' experience in the Wholesale trade, seeks financial support and co-operation in business that he is creating; excellent opportunities, valuable and personal overseas connections. Write 248/890, Office of this Paper.

AGENCIES.

Reputable Agents wanted for Well Known Proprietary

MANUFACTURERS of famous well established and nationally advertised medicine who hitherto have employed their own representatives, are prepared to appoint a firm or firms of selling agents with a view to getting even wider contact with individual chemists,

Applicants must be firms of repute, financially sound, and having adequate selling staff to give really close representation in allotted territory. Areas—England (whole or part), Wales, Scotland, Northern Ireland. Also several overseas markets. Attractive terms offered. Apply in first instance to 248/889, Office of this Paper.

A BELFAST Commission and Distributing House of many years' standing, with an intimate extensive connection amongst Chemists and other Traders in Northern Ireland, is in a position take up Quick-Selling Lines and work them thoroughly on this ground on a basis of commission and expenses. 145/2, Office of this Paper.

NEW ZEALAND.—An opportunity; agent at present in England, returning to New Zealand October 5, requires additional sole representations (razor blades and sundries); the whole of this area is covered and a good market exists for the right article at the right price. Write to P.C.B. 132/13, Office of this Paper.

MANUFACTURERS' Agent, with good connection in London and suburbs (Wholesalers, Chemists and Stores), is open to consider an additional agency for this territory. Write, giving full particulars in confidence, P.C.B. 132/8, Office of this Paper.

MANUFACTURERS of the well-known Antiseptic Iglodine are open to appoint progressive Agents abroad, with the exception of Australia and South Africa. Write for full particulars. Iglodine Co., Ltd., Newcastle-on-Tyne.

PELIABLE Agent required for Quick-Selling Medicated Confection (orders passed through Wholesale); Yorkshire, Lancashire; commission paid monthly. 148/1, Office of this Paper.

THE Chairman of Pharmacy Supplies, Ltd., of Rangoon, is now in London and would be glad to meet Manufacturers and Exporters of Chemists' Proprietary lines who are interested in extending their markets in Burma. Please communicate with the Export Manager, British Drug Houses, Graham Street, City Road, London, E.C.

PARTNERSHIPS.

PARTNER required, with small capital, for Drug Stores and Chemistry; one who is qualified for Dispensing preferred. Write 151/4, Office of this Paper.

PATENTS.

THE Proprietors of British Patent No. 350897, relating to "Improved Insecticidal, Insect-repelling and Fungicidal Compositions," desire to enter into negotiations with one or more firms in Great Britain for the grant of Licences to manufacture under royalty. Enquiries to be addressed to D. Young & Co., Chartered Patent Agents, 11 and 12 Southampton Buildings, London, W.C.2.

THE Proprietors of British Patent No. 352062, relating to "Improvements in and relating to Insecticides," desire to enter into negotiations with one or more firms in Great Britain for the grant of Licences to manufacture under royalty. Enquiries to be addressed to D. Young & Co., Chartered Patent Agents, 11 and 12 Southampton Buildings, London, W.C.2.

APPRENTICES.

A PPRENTICE wanted for Pharmacy in S.W. London, close to Schools of Pharmacy; no premium required; small wage given. Apply in own handwriting, giving full particulars and wage expected, to J. Allnutt, M.P.S., 193 Brixton Road, London, S.W.9.

YOUNG Lady requires Apprenticeship in W. or S.W. London; has passed Preliminary Scientific Examination and has some knowledge of Dispensing; time for classes required. Write Miss H. Davey, 17 Chesilton Road, Fulham, S.W.6.

SITUATIONS OPEN.

RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

DIRMINGHAM.—Keen progressive Qualified Manager required for small branch; good Salesman and Window-dresser; experienced Assistant kept; small N.H.I. Reply, stating age, height, salary required, with particulars of previous experience; photograph if possible, Martin, Chemist, 139 Golden Hillock Road.

FOLKESTONE.—Qualified Assistant (under 30). Write with full particulars, stating salary required and when free, Chas. J. Taylor & Son, 292 Cheriton Road, Folkestone.

HORBURY INDUSTRIAL CO-OPERATIVE SOCIETY, LTD.— Wanted, a smart Lady Assistant for the Drug Department; knowledge of Dispensing essential. Applications, stating age, wages and experience, to reach the Secretary not later than first post Friday, September 14, endorsed "Application."

L ONDON.—Fully Qualified Lady for Counter and Dispensing. Please write, stating salary, which must be moderate (indoors or out); comfortable berth; bouse away from shop. 149/9, Office of this Paper.

ONDON, E.C.1.—Wanted from September 10, Registered Locum; full-time or evenings; this provides an excellent opportunity for an enterprising man with small capital to look into a business which, though at present neglected, affords a fair living at once, with excellent prospects; owner has bought a seaside business for health reasons. P.C.B. 132/31, Office of this Paper.

I ONDON, N.—Unqualified Junior Assistant required early in October; one who has recently completed apprenticeship would be suitable; must be reliable, trustworthy, a good Dispenser, Salesmau and Window-dresser. State age, height, experience and salary required to 148/7, Office of this Paper.

I ONDON, NORTH.—Wanted, young Qualified Assistant; know-ledge of Photography and Window-dressing; used to quick Counter trade. Please state age, salary required. Reply 144/21, Office of this Paper.

L ONDON, N.W.10.—Young Lady Assistant, Unqualified, with Dispensing experience; must be well up in Toilet sales and knowledge. Give full details in first letter of experience, also age and salary required. Apply 248/895, Office of this Paper.

NEW BUCKENHAM, Norfolk, Qualified Manager required for small country branch; N.H.I., Photographic, Agricultural; easy hours; house and good garden at shop. Particulars of age, references, salary and photo, if possible, to B. V. Jermyn, East Harling, Norwich.

CUSSEX.—Lady Assistant required for good-class country business; other Assistants kept; Counter and Window-dressing, able to help with Dispensing if required. Give usual particulars and salary required, 149/1, Office of this Paper.

A QUALIFIED Assistant required for North London Pharmacy, lady or gentleman; must be a good Dispenser, good Window-dresser and have a general knowledge of retail work. In reply please state age and salary required. 248/894, Office of this Paper.

A YOUNG Qualified man required for relief duty for 4 weeks from mid-September. Send usual particulars, including salary required, to A. Q. Barton, Cinderford, Glos. Applications not replied to in seven days declined with thanks.

TULL-TIME Qualified Dispenser and Caretaker of Surgery, to live on premises; rent, fuel and light free; commencing November 1, 1934. State age, experience, recent testimonials, and salary required. Drs. Lyle, Hall, Anderson and Bow, 1 West End Terrace, Stockton-on-Tees.

JUNIOR or Improver (male) wanted at once for good-class country business; careful Dispenser; good Counterman; outdoor. Apply by letter, enclosing photo and stating experience, age and salary required, to Gray, Chemist, Rothwell, Kettering.

JUNIOR, Unqualified, for good-class country Pharmacy; good Dispenser essential. Apply H. Meynell, Tenterden, Kent.

L ADY Assistant (permanency) required for Dispensing and Counter business; good Window-dresser and able to take temporary charge. State age, experience, and in first letter salary required (outdoors); photo if possible (will return). Bryant, 46 Turuham Green Terrace, London, W.4.

ADY Assistant, Qualified, required for Dispensing and Counter business; good Window-dresser and able to take temporary charge. State age, experience and in first letter salary required (outdoors); photo if possible (will return). Slaughters (Chemists), Ltd., High Road, Ilford, Essex.

L ADY or Gentleman Assistant wanted at once, capable of Dispensing and Counter; working-class district. State age, experience, salary required, by letter, to Darby, 102 Falcon Road, S.W.11.

LADY Pharmacist, Qualified, wanted early October to open and manage Pharmacy in new middle-class residential area in Cheshire; state age, experience and salary required. 147/3, Office of this Paper.

ADY, Unqualified, for West End; must have good Dispensing experience. State all particulars. 248/896, Office of this Paper.

M.P.S., LADY or Gent, early October; a progressive, permanent position in London; busy N.H.I. and Counter work; salary £3 10s.; excellent references required. Full particulars re age, height, references, &c., to Vino, 150/40, Office of this Paper.

QUALIFIED Assistant wanted, Man, with some West End experience; Piccadilly neighbourhood; hours arranged. State particulars of salary required, etc., to P.C.B. 132/29, Office of this Paper.

QUALIFIED, for small shop in S.E. district; opportunity for capable worker; moderate salary to commence, but permanent terms depend on returns for 3 months. State in first letter salary, references, etc., to 2968, 21 Halsmere Road, Camberwell, S.E.5.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 100 to 150 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

QUALIFIED Lady required to manage small branch shop; must have had good experience. Apply, with full particulars and salary required, to Lady Chemists, Ltd., Daws Lane, Mill Hill. Young Lady Apprentice and Improver also required for Daws Lane, Mill Hill, N.W.

QUALIFIED, Locum, for about three weeks; middle-aged man preferred; commencing either September 17 or 24. Please state salary required to Chas. E. Harris, Chemist, Liskeard, Cornwall.

QUALIFIED Manager, young and energetic, required for branch shop near London; must be of smart appearance and good Window-dresser and Salesman; living accommodation available later if desired; salary £4 and commission. State age, height, experience, &c., to 148/8, Office of this Paper.

REQUIRED at once or soon, a Qualified, experienced Chemist-Optician of good address for 4 to 6 weeks' engagement. Give particulars of age, experience, salary required, and when disen-gaged, to R. S. C., 28 Beach Road, Littlehampton, Sussex.

PEQUIRED by September 17 next or earlier, a thoroughly competent up-to-date all-round Qualified man (about 35) who understands Photography and is a clever Counterman and Window-dresser. Messrs. Wright, Ltd., Chemists, 3 Queen Street, Hammer-

REQUIRED immediately, London, N., Qualified Male Assistant (25/30); must be reliable Dispenser, good Counterman and Window-dresser; capable and energetic; living accommodation available; write, giving full particulars of experience, references, salary required, &c.; replies unanswered 7 days respectfully declined. 150/2, Office of this Paper.

REQUIRED, near London, young Qualified Assistant possessing personality and smart appearance; the opportunity is exceptional to one prepared to accept moderate salary to commence, but to the right man interest would ultimately be given with or without investment. 248/892, Office of this Paper.

UNQUALIFIED Locum for one week, commencing September 17.
Apply personally after September 9. R. Dawkes, Ltd.,
17 Horn Lane, Acton, W.3.

W -EXPERIENCED Unqualified Assistant required, with sound, all-round knowledge (age 25-35); smart, reliable, conscientious worker who is neat and accurate and can pay attention to his work. Give full details of experience, salary required, &c., to 150/20, Office of this Paper.

Wanted, Dispenser-Book-keeper, female, for Medical Practice; live in; salary 35s. a week nett; give age, experience and testimonials. 148/11, Office of this Paper.

WANTED in 2 weeks, young Qualified Man, to take charge of branch (single-handed); must be keen, good Window-dresser, Dispenser and Counterman; good prospects for right man. Give all particulars, including photo, in first letter, to 151/3, Office of this Paper.

WANTED, Junior Assistant for hranch; passed Part I. Apply, stating age, experience, salary required, and references, to Philadelphus Jeyes & Co., Ltd., Chemists, Northampton.

YOUNG Qualified Assistant, able to take temporary charge; Lincoln; keen, active, courteous and must be adaptable. State age and experience, with recent testimonial, photo. if possible, and salary required (outdoors), Battles, Chemists, Stonepossible, and bow, Lincoln.

WHOLESALE.

ANCASHIRE and District: Well-known Glass Bottle Manufacturers and merchants require an active and resourceful Agent, one already calling upon Wholesale users only (perfumery and druggists), with knowledge of trade preferred; part expenses and commission payable. State experience, age, localities covered and other lines sold, to 248/893, Office of this Paper.

A MONTH'S Work in the Oxford area is offered on good terms to a First-class Representative to introduce a new line in that locality; must have local connection; further prospects available; applications treated in strictest confidence. Write J. W. Simpson, 60 Strand, London, W.C.2.

A REPRESENTATIVE calling on Retail Chemists and Beauty Salons in London, to carry good selling lines on commission basis. 248/887, Office of this Paper.

FOREWOMAN.—The County Perfumery Company, Park Royal, London, the makers of Brylcreem, require a Forewoman (age 30-35); must be fully experienced, an accomplished disciplinarian, a good organiser and possess initiative and a sense of responsibility. Reply by letter only and in confidence, stating age, experience and wages required, to General Manager, The County Perfumery Company, North Circular Road, N.W.10.

OLD-ESTABLISHED High-class Lancashire Firm Manufacturing Chemists require experienced Traveller for London and the South; must be well known in that territory; Proprietaries and Specialities. Reply, giving full particulars, salary required, &c., to 247/884, Office of this Paper.

PEPRESENTATIVES required to carry a well-advertised range of Toilet Preparations as additional lines; connection with Chemists and Stores essential. Write, stating area covered and full particulars of lines carried, to 248/888, Office of this Paper.

TRAVELLER wanted, with established connection in Yorkshire, to carry well-known brands of Contraceptives on a 20 per cent. commission basis. Full particulars in first instance to 247(382) Office of this Percent 247/885, Office of this Paper.

WANTED, for Lancashire and Yorkshire, two Live Men to call on Chemists, Doctors and Veterinary Surgeons with Proprietary Lincs Medical and Veterinary Preparations; old-established house; commission basis; accounts open on above territories, but preference given to men with connections; no objection to holding other agencies; applicants must give full particulars in first instance. 148/14, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN.

UNITED STATES OF AMERICA **NEW YORK**

A well-established corporation producing ALKALOIDS, GLUCOSIDES, PLANT EXTRACTS and allied products require the services of a skilled MANUFACTURING CHEMIST to take charge of the fine chemical division of their plant.

It is essential that the applicant shall have had reasonable experience in the production of such items on a commercial scale and must possess initiative for the development of new

products of a similar nature.

The position affords an excellent opportunity for advance-

ment to the right man.

Applicants deemed worthy of consideration will be given an opportunity to verify the company's standing.—Write, giving particulars of qualifications, experience and salary required, to 247/864, Office of this Paper.

BRITISH WEST INDIES.—Chemist's Assistant (not over 30) required: unmarried: must be 3000 S. in the state of t quired; unmarried; must be good Salesman, with all-round experience and able to make attractive Displays; qualification not essential, but must be prepared to take local examination. Write, giving age, experience, copies of references, to "B. B.," c/o Abbotts, 32 Eastcheap, London, E.C.3.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A. -LOCUM or permanency; unregistered; Dispensing, Counter, Windows, Prescribing; abstainer; experienced; trustworthy. H., 16 Brixton Road, S.W.9.

A.A. -LOCUM; permanent; London, seaside, spa experience; highly recommended; Photography; adaptable, abstainer, gentlemanly. "Mac," c/o Mellors, Chemists, Warwick.

A -QUALIFIED (38), abstainer, reliable, good Counterman and Window-dresser, seeks post London; free September 17. "Chemist," 115 Bowes Road, N.13.

A QUALIFIED Manager requires position in London or suburbs as Branch Manager; 20 years' experience. Davies, 109 Alexandra Drive, Surbiton, Surrey.

A QUALIFIED Manager (40) desires change, London area; thoroughly experienced; 8 years West End; abstainer, diligent worker, reliable; free fortnight. 150/42, Office of this

A SSISTANT, capable, experienced Dispenser; Windows, Counter, Photographic; reliable references. Part I, 27 Mansfield Avenue, N.15.

A SSISTANT, full or part-time; single; Dispenser, Salesman; 25 years' experience; Unqualified. Aspirin, 61 Fartown Green Road, Huddersfield.

A SSISTANT (Referred Ph.C.), tall, good Salesman, excellent references, requires position, preferably 20 miles radius. "Primo," 472 Lytham Road, Blackpool.

A SSISTANT, Unqualified; disengaged middle of September; 25 years' experience; capable in all branches of good-class Pharmacy; excellent references; single; tall. 151/6, Office of this Paper.

Se ___

(1

A SSISTANT, Unqualified; experienced Dispensing, Counter, Photographics; locum, part time or permanency; free September 24. Write C. G., 2A Yalding Road, Berniondsey, S.E.16.

A SSISTANT, Unqualified, seeks permanency; 16 years' excellent experience; 8 years last post; thorough knowledge of business in all its branches; good Window-dresser; keen and reliable. 149/5, Office of this Paper.

A SSISTANT, Unqualified (tall; 21), desires position in North; 4 years Dispensing, Packing, Counter, Windows and Photography, 8 months London. 151/5, Office of this Paper.

A SSISTANT (25), Part I; expert Dispenser; Counter; used to High-class Family Business; highly recommended. Bishop, 41 Hillcross Avenue, Morden, Surrey.

A SSISTANT (20) requires post where opportunity for interest and advancement of business would be appreciated; able to take charge; locum or permanency accepted. King, 52 Westfield Gardeus, Kenton.

A SSISTANT (21), tall, referred Part I; accurate Dispenser; keen Salesman, Window-dresser, hard worker. Baxter, 13 Victoria Street, Swansea.

A SSISTANT (20); tall; used to middle-class business with large N.H.I.; good Window-dresser and Counterman; desires permanchey E. London or City; disengaged. "I. M. J.," 4 Devonshire Street, E.1.

CHEMIST-OPTICIAN seeks re-engagement; middle aged; long West-End experience; keen, energetic; references good. Lounds, 44 Clovelly Road, Ealing.

DISENGAGED; part time only; experienced Assistant, Unqualified; good references; East London area preferred. "Metol," 75 Portway, West Ham.

DISPENSER (Hall), trained Chiropodist, young widow, desires post, Doctor or Chemist; prepared act also as Lady House-keeper. 151/12, Office of this Paper.

TXPERIENCED, active, trustworthy Assistant, Unqualified (28; 6 ft.); public school; tactful, courteous Counterman; clean, tidy Dispenser; managing experience; town or country; disengaged September 30. Flatman, Canadian House, Avenue Road, Hunstanton.

F.B.O.A., F.S.M.C., desires berth, South Coast, to manage experience; own equipment. P.C.B., 132/27, Office of this Paper.

FREE September 17; Unqualified; malc; tall; 4 years' experience; excellent Dispenser, Counter, Photography; seeks position London area, medium-class preferred. Irwin, 22 Station Road, Hendon, N.W.4.

LADY Assistant (30) requires further experience in good-class West End Toilets, Display, Stockkeeping, &c. 148/9, Office of this Paper.

I ADY Dispenser desires post; experienced; part or whole time; Hall certificate; Brighton or near. 8 Prestonville Road, Brighton.

L ADY (Hall), 10 years' experience in Doctor's, Dispensing and Book-keeping, requires position middle of September. Neill, 21 Northover, Bromley, Kent.

LADY M.P.S. requires post; locum or part time; good general experience; free 24th. Chemist, 5 Randolph Gardens, N.W.6.

TADY, Unqualified, desires change; capable Saleswoman, Window-dresser; Photographic, Toiletries, Book-keeping experience; highest references; 8 years present position. 150/37, Office of this Paper.

ADY (23) requires post with Doctor or Chemist; 7 years' experience Dispensing, Counter, Window-dressing; good references. 150/43, Office of this Paper.

L OCUM or Permanency; disengaged September 18; Qualified; good varied experience; good references; accustomed Cash Retail and N.H.I.; London district preferred. S. T. Hoskins, c/o Mr. Smith, Chemist, Walsall Wood, Staffs.

L OCUM or permanency; Dorset or Hampshire preferred; Qualified; reliable; excellent recent references; disengaged September 24. Cooper, Rowandene, Ashley Heath, near Ringwood.

LOCUM or permanency, lady, "Hall," thoroughly experienced, secks post, London or South. "Dispenser," 57 Locking Road, Weston-super-Mare.

L OCUM or permanency; Unqualified (45); Dispensing, Counter, Surgical; free September 17. A. B., 2 Walham Grove, Fulham, S.W.6.

L OCUM (36), Qualified; all-round experience; Manager and Assistant; available from September 17. Chemist, 31 Cromwell Street, Gloucester.

MANAGER, M.P.S., London; thorough knowledge of the business in all branches; abstainer; honest; free Saturday or Monday. 150/45, Office of this Paper.

MANAGER, Qualified; West End, Provinces, Suburbs; near West End; big companies only. 149/8, Office of this Paper.

M. W. E. MASON, Chemist, of 89 Acre Lane, Brixton, thoroughly recommends his late Apprentice as Junior in any good class dispensing establishment.

QUALIFIED Chemist, elderly, active, reliable, shortly disengaged, desires permanency, short hours, light duty; terms reasonable. 150/5, Office of this Paper.

QUALIFIED, desires permanency, London or near; thoroughly experienced; good Counter, Prescribing, &c.; many years City (London). Apply 151/11, Office of this Paper.

QUALIFIED Male (28) desires change; thorough all-round experience; 5 years managing; free one month from engagement. 148/13, Office of this Paper.

QUALIFIED (23), at present with multiple firm, desires progressive position as Assistant or Manager. Advertiser is tall, of smart appearance and has had excellent experience of middle- and high-class trade. T. H. Totty, Revidge Road, Blackburn.

QUALIFIED (24), seeking change, desires permanent progressive position; accustomed to heavy Dispensing and Counter; excellent testimonials. 149/12, Office of this Paper.

OHEFFIELD.—Chemist, experienced, conscientious Prescriber, open for engagement, London or provinces; moderate salary. "Drug," 33 Thompson Road, Sheffield 11.

SMART Unqualified Assistant (26); free October 1; desires position; Dispensing, Counter, Photography, Window-dressing. Taylor, 4 West View, New Romney.

OUND, Level-headed, Qualified Chemist (30) desires position where expert knowledge of business, of Organisation and of low-pressure Salesmanship will have scope for display. He has been mauaging High class Pharmacies and is a proved business-builder. He will be glad if any progressive firm, either Wholesale or Retail, which can utilise his services will communicate with him. 148/12, Office of this Paper.

STUDENT seeks part-time situation; conscientious worker; excellent references and good experience. Jones, 60 King Edward Gardens, Acton.

JNQUALIFIED; all branches; Photographics; excellent references; free September 22. Smith, 60 Sandbeck Avenue, Skegness, Lines.

UNQUALIFIED (male; 21); 4 years' experience; Dispensing, Photographic, quick Counter service, Window-dressing; anywhere; salary £2 15s. "Hazeldene," Hayes Road, Clacton.

UNQUALIFIED; 25 years last appointment; used sole charge; good Prescriber, Counter; part-time, whole or locum; indoors or out; anywhere; small salary. J. Heely, 259 Underhill Road, East Dulwich, S.E.22.

 $W^{\rm ELL}$ Acquainted with each Department of the Business; Unqualified (39); reliable references. "Efficient," 21 Disraeli Road, Putney, S.W.15.

WEST RIDING.—Locum or permanent; Qualified; free September 12. F. B. di Menna, 361 Leeds Road, Bradford.

WHOLESALE.

A REPRESENTATIVE, with first-class references, records and connection London, and sound experience in Drug and Toilet, desires position with house of repute or agencies paying expenses. II., 1 Stanford Way, Streatham Vale, S.W.16.

A CCURATE costs cover all departments and assure net profits. Advertiser (32), many years' costing experience covering wide range Packed Goods, Tollets, Proprietaries, desires progressive appointment; excellent experience general organisation, Buying, Orders, Stocks, &c.; salary from 90s.; of valuable assistance to growing business or principal needing relief from detail. 150/28, Office of this Paper.

 $A^{\rm N}$ engagement required by Representative having large connection Chemists, Doctors, Dentists, etc., Greater London; experienced Drugs, Toilets, General Sundries. P.C.B. 132/28, Office of this Paper.

A SSISTANT (26) seeks situation Manufacturing Wets, Drys, Patents, &c.; 9 years' good, all-round experience; capable of taking charge. 150/54, Office of this Paper.

CHEMIST Perfumer, young, desires post with progressive firm; full knowledge of formulas, buying, costing, control of staff; exceptional range of experience. 150/4, Office of this Paper.

CLEAR OUT—your Old or Damaged Stock of Photo Goods.

Why keep them any longer? Turn them into CASH.

I GIVE BEST PRICES for Old Films (damaged, fogged expired dates); Packet Old Photo Goods or Cameras. Bromlde Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.

S. E. HACKETT, 23 July Road, Liverpool

CLEAR OUT OLD STOCKS OF BOTTLES AND JARS FOR PROMPT CASH

ANY QUANTITIES

Post Samples and Full Particulars to:-

W. SPEAKE, 68 Yew Tree Road, WALTON, LIVERPOOL

LACUTIVE (35) wants responsible, progressive Managerial post, London; Proprietary Article Merchandising, Sales, National Advertising, Home and Foreign Markets; production, buying, general administrative organisation and staff control; unquestionable references. 150/18, Office of this Paper.

CENTLEMAN, 50 years' Retail experience, is open to accept position with a first-class firm, Departmental Manager or Representative in Southern area; experienced in all branches of the Drug and Toilet trade. "Pharmacist," 12 Holmwood Avenue, Monkseaton, Northumberland.

LANCASHIRE-CHESHIRE Representative, experienced and recommended, wants attractive, quick-selling side-lines; part expenses, commission; regular journeys. 150/15, Office of this Paper.

QUALIFIED Chemist; upwards 20 years' experience representing leading liouse; shortly disengaged; expert Medical Detailist; Bacterial and Biological knowledge; French spoken; good trade connection. "Ian," 32 Myddleton Square, E.C.I.

TRAVELLER, Druggists' Sundries, Proprietaries, &c.; well known in Bucks, Berks and Wilts, also South-West England; with 15 years' experience. 150/10, Office of this Paper.

COLONIAL, INDIAN AND FOREIGN.

A YOUNG Englishman desires position abroad, preferably in Union of Sonth Africa, as Unqualified Assistant in Retail Pharmacy; tall; passed Part I; 4 years' experience; excellent Salesman and Window-dresser, accurate Dispenser. Correspondence is invited through 150/26, Office of this Paper.

FOR SALE.

(Articles to the value of £5-£50.)

BOTTLE-FILLING Machine, Barnett & Foster, Niagara type; seml-automatic, 4 cylinders, each measuring and filling up to 30 oz., £12, carriage paid. Thomson, Chemist, Elgin.

CASH Register for Sale; "National" make; completely overhauled a few weeks ago; reasonable price. Write R. Charles, 136 Grundy Street, Poplar, E.14.

PETIRING.—Complete set Mahogany Fixtures, Fittings; utensils and balance of stock for disposal; London Suburban. 143/11, Office of this Paper.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

LIMITED COMPANY REGISTRATION.

The Best Services obtainable are those offered by us.
Companies Registered, inclusive of Capital Duty, Fee & Deed Stamps,
Registration Fee, Supplying Memorandum & Articles of Association
(settled by eminent Counsel), and Share Certificates
FROM THE LOW FIGURE OF £10 17s. 6d.

SATISFACTION GUARANTEED QUALIFIED SERVICES. ADVICE FREE.
THOS. WATTS & WALKER, LTD. (Company Registration
Agents, Accountants & Auditors), Oxford Chambers, 9 Oxford
Street, Manchester, 1. Telephone: Central 6269.

MISCELLANEOUS.

CHEMISTS' FITTINGS.—We hold an immense stock of Drug Fittings, Dispensing Screens, Glass-fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate Glass Counters, Cash Tills, Display Stands and Glass Shelves, &c., at competitive prices. F. MAUND & E. BERG (SHOWCASES), LTD., Shop Fitters and Shop Front Builders, 175/9 Old Street, London, E.C.1.

FOR CHEMISTS' Shop Fittings send to GEORGE COOK, The Working Shopfitter. Drug Fittings, Wall Cases, Serving Counters, Dispensing Screens, All-glass Counters, Counter Drawers. Rough sketches free. Lowest prices. Send your requirements to 27 Macclesfield Street, E.C.1. 'Phone: Clerkenwell 5371.

LIMITED COMPANIES REGISTRATION.—As the older chemists know, this small advertisement has now appeared here for over 25 years. If an experienced agent, whose terms are somewhat lower than any quotation you can get anywhere, can help you, write for free advice to A. BERNARD SLACK, 721 Princess Road, West Didsbury.

CHOPFITTINGS.—Second-hand, reconditioned and repolished. All sizes and shapes. Half to-day's prices. Sketches and full particulars on receipt of detailed requirements. Call or write, PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, E.C.1. Telephone: Clerkenwell 2191. "Pharmacy Fitters for over a Century."

COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our showroom a Complete Chemist's Shop with Metal Shop Front, Window Backs, Correct Window Lighting Signs and Modern Interior Fittings. Apply for Lists, D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

EXCHANGE COLUMN.

FOR DISPOSAL.

(Articles up to the value of £5.)

24 SHOP ROUNDS, 20 oz., 7 lb. Pot. Iodid. P.C.B. 132/30, Office of this Paper.

WANTED.

SMALL Colton 16-punch Rotary Tablet Compressing Machine or similar. Apply 247/886, Office of this Paper.

58. Rinex; "Clarendon" printed on top of carton; quantity, condition and price. 145/1, Office of this Paper.

THE SUPPLY OF SUPPLEMENTS

On receipt of addressed Post Office Wrappers (not more than six at a time) stamped 1d. the Chemist and Druggist Supplement will be forwarded without cost.

LOOSE STAMPS WILL NOT BE ACCEPTED

If wrappers bear a halfpenny stamp only, postal delivery may be delayed.

NOW is the opportune time to inform the trade as to your resources for producing and supplying goods suitable for



Christmas Trade

At Home and Overseas wholesale, export and retail dealers are on the look out for attractive lines in Perfumery and Toilet Soaps, Boudoir Accessories in silver and glassware and other fancy articles and Druggists' Sundries. These sell freely before and during the festive season.

In the issue of

THE CHEMIST AND DRUGGIST

to be published on

September 22, 1934

there will be a special Supplement produced in colour, which advertisers can use advantageously for attractive announcements of their products, utilising their usual half-tone or line blocks. A section will likewise be available for those who prefer reproduction in photogravure.

WRITE AT ONCE FOR ALL DETAILS OF SPACE AVAILABLE, ETC., TO:

The Publisher,

THE CHEMIST AND DRUGGIST, 28 ESSEX STREET, LONDON, W.C. 2

Phone: Central 6565 (8 lines).

Grams: "Chemicus, Estrand, London."

BRANCH OFFICES:

49 Caunty Buildings, Cannan Street, MANCHESTER. 155 Avenue de Wagram, PARIS, XVII. 19 Waterloo Street, GLASGOW.
MELBOURNE and SYDNEY (Australia)

54 Faster's Buildings, High Street, SHEFFIELD.

AUCKLAND (New Zealand)

Printed in Great Britain for the Proprietors by EYRE AND SPOTTISWOODE LIMITED, His Majesty's Printers, East Harding Street, London, E.C.4, and Published by the Proprietors, MORGAN BROTHERS (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2.—Sept. 8, 1934. [56/20]



